

# PP grades

| DESCRIPTION                          |   | APPLICATIONS |      |             |          |
|--------------------------------------|---|--------------|------|-------------|----------|
|                                      |   | CPP          | BOPP | TAPE/FIBRES | NONWOVEN |
| <b>ANTIBLOCK</b>                     |   |              |      |             |          |
| ABPP 02 / 05 / 10                    | Antiblock with good optical properties based on homo PP       | ✓            | ✓    |             |          |
| ABPP 02 / 05 / 10 SC                 | Antiblock with good optical properties based on copolymer/ter | ✓            | ✓    |             |          |
| ABPP 05 / 10 SC-WZ                   | Specially developed antiblock for metalized CPP               | ✓            |      |             |          |
| ABPP 244                             | Antiblock with better optical properties based on homo PP     | ✓            | ✓    |             |          |
| ABPP 244 SC DC                       | Antiblock with better optical properties based on copolymer/t | ✓            | ✓    |             |          |
| ABVT 180                             | Antiblock grade for ink cost saving technology                | ✓            | ✓    |             |          |
| ABVT 19 N SC                         | Antiblock for metalized process                               | ✓            | ✓    |             |          |
| ABVT 22                              | Better optical properties atiblock based on homo PP           | ✓            | ✓    |             |          |
| ABVT 22 SC                           | Better optical properties atiblock for metalized/heatsealable | ✓            | ✓    |             |          |
| ABVT 34 SC                           | Best optical properties antiblock for metalized process       | ✓            | ✓    |             |          |
| <b>COMBINATION of SLIP/ANTIBLOCK</b> |   |              |      |             |          |
| ABER 11 SC                           | Combination of antiblock and slip                             | ✓            | ✓    |             |          |
| ABER 1110 SC                         | Double concentration of ABER 11 SC                            | ✓            | ✓    |             |          |
| <b>SLIP</b>                          |   |              |      |             |          |
| SPER 6                               | Slip agent based on homo PP                                   | ✓            | ✓    |             |          |
| SPER 12                              | Double concentration of SPER 6                                | ✓            | ✓    |             |          |
| KER 5                                | High molecular weight slip in homo PP                         | ✓            | ✓    |             |          |
| <b>SUPERSLIP</b>                     |   |              |      |             |          |
| IL 2580 SC                           | Superslip for skin layer                                      | ✓            | ✓    |             |          |
| IL 2582 SC                           | Superslip combined with antiblock for skin layer              | ✓            | ✓    |             |          |
| IL 3580 SC                           | High molecular weight superslip                               | ✓            | ✓    |             |          |
| IL 3583 SC                           | High molecular weight superslip combined with antiblock for s | ✓            | ✓    |             |          |
| IL10020 SC                           | Latest development of superslip                               | ✓            | ✓    |             |          |
| <b>ANTISTATIC</b>                    |   |              |      |             |          |
| ASB 20G                              | Fast migration of antistatic                                  | ✓            | ✓    | ✓           | ✓        |
| ASP A 2446 (OB/WOB)                  | Standard antistatic MB with the thermal stability up to 280de | ✓            | ✓    |             |          |
| ASP A 2485 (OB/WOB)                  | Antistatic with slip effect, low smoke with higher thermal st | ✓            | ✓    |             |          |
| ASP A 2556 C30                       | High concentration antistatic                                 | ✓            | ✓    |             |          |
| AST 1000/2000                        | Long term migration of antistatic, specially developed for ci | ✓            | ✓    |             |          |
| ET 2006                              | Permanent antistatic for PP                                   | ✓            | ✓    | ✓           | ✓        |
| <b>COMBINATION SLIP / ANTISTATIC</b> |   |              |      |             |          |
| ASPERA 2358                          | Combination of slip and antistatic                            | ✓            | ✓    |             |          |
| FASPS 2950                           | Low haze combination of slip and antistatic                   | ✓            | ✓    |             |          |
| <b>ANTIOXYDANT</b>                   |   |              |      |             |          |
| PAO 3361                             | Antioxydant for PP  | ✓            | ✓    | ✓           | ✓        |
| <b>ANTIUV</b>                        |   |              |      |             |          |
| CP UV 130 SP                         | Anti UV for CPP/BOPP and non woven process                    | ✓            | ✓    |             | ✓        |
| FPP UV 1520                          | Anti UV for tape/fibres/woven                                 |              |      | ✓           |          |
| FPP UV 41 PW                         | Anti UV for tape/fibres/woven                                 |              |      | ✓           |          |
| <b>STIFFNESS</b>                     |   |              |      |             |          |
| CPS 585                              | To improve stiffness, for cigarette films                     | ✓            | ✓    |             |          |
| CPS 601                              | Higher concentration of CPS 585                               | ✓            | ✓    |             |          |
| <b>ANTIFOG</b>                       |   |              |      |             |          |
| PAF 1026 SC                          | Latest development of antifog PP, excellent antifog propertie | ✓            | ✓    |             |          |
| <b>PROCESSING AIDS</b>               |   |              |      |             |          |
| PAMF 905 (SC)                        | Processing aids for PP process                                | ✓            | ✓    | ✓           | ✓        |
| <b>PEARLIZED</b>                     |   |              |      |             |          |
| PF 97                                | Masterbatch for pearlized film                                | ✓            | ✓    |             |          |
| PF 93                                | Masterbatch for white-pearlized film                          | ✓            | ✓    |             |          |
| <b>MATT COMPOUNDS</b>                |   |              |      |             |          |
| DUL 3636 DP 20                       | Latest development of matt compound, low haze                 | ✓            | ✓    |             |          |
| DUL 5050                             | Synthetic Paper   | ✓            | ✓    |             |          |
| <b>WHITE</b>                         |   |              |      |             |          |
| P 8555 (LM) / P 80560 / P 8377       | White for BOPP film   | ✓            | ✓    |             |          |
| P8555SCF / P8377SCF                  | White for extrusion coating PP                                | ✓            | ✓    |             |          |
| P 85998                              | Alternative white, balance price-performance of white MB      | ✓            | ✓    |             |          |
| <b>NON WOVEDS</b>                    |   |              |      |             |          |
| SPER 20 SP                           | Soft touch of non woven articles                              |              |      |             | ✓        |
| P 8148                               | White for non woven   |              |      |             | ✓        |
| <b>SPECIALTY</b>                     |   |              |      |             |          |
| NA 10942                             | Improve clarity   | ✓            | ✓    |             |          |
| AP 1374                              | To improve adhesion between films and metal in metalization p | ✓            | ✓    |             |          |