

## HDPE Grade Slate : Dedicated (Hostalen) Plant

| FAMILY                                 | GRADE   | MFI (I5) | DENSITY | SPECIAL CHARACTERISTICS  | APPLICATIONS   |
|--|---------|----------|---------|--|--|
| INJECTION<br>MOULDING                  | 180DM57 | 18.00*   | 0.957   | High flow and gloss, Low warpage   | Housewares, Thin wall mouldings, etc.  |
|  | 020DM54 | 2.00*    | 0.954   | Low flow with excellent ESCR and impact strength   | Caps and closures  |
| HM Film                                | 003DF49 | 0.28     | 0.949   | Bimodal grade with good processability,<br>Superior dart impact strength & good tensile properties                       | Counter bags, Carrier bags, films for wrapping   |
| HM Film                                | 002DF50 | 0.22     | 0.950   | Bimodal grade with very good processability with<br>high molecular weight. Excellent dart impact<br>& sealing properties | Counter bags, Carrier bags, films for<br>wrapping, Liners  |
| General<br>Purpose<br>Blow<br>Moulding | 011DB44 | 1.10     | 0.944   | Bimodal grade with good processability.<br>Outstanding resistance to stress cracking                                     | Containers/bottles upto 10 litres for packaging<br>of Pesticides, Surfactants & Costmetics                     |
|  | 012DB54 | 1.20     | 0.954   | Bimodal grade with very good processability,<br>Good balance of stiffness, ESCR and<br>impact properties                 | Containers/bottles from a few cc to 10<br>litres. Containers for Oil, Vanaspati & General<br>purpose packaging |
| Medium<br>Blow<br>Moulding             | 003DB52 | 0.35     | 0.952   | HM bimodal grade with very good processability,<br>high stiffness, toughness & good ESCR                                 | Containers upto 50 litres. Sheet extrusion.  |
| Large<br>Blow<br>Moulding              | 001DB50 | <0.1     | 0.950   | HM bimodal grade with very high molecular weight,<br>Excellent impact strength, high stiffness & Good ESCR               | Large containers and L-ring drums for<br>packaging of chemicals  |
|  | 001DB52 | 0.12     | 0.952   | HM bimodal grade with good processability, high<br>swell ratio, good balance of ESCR stiffness and<br>impact properties  | Large containers and L-Ring drums for<br>packaging of chemicals  |
| Raffia/<br>Monofilament                | 010DE56 | 1.00*    | 0.956   | Good stretchability, Low water carry over,<br>Good processability  | Woven sacks, Monofilament fishing nets,<br>Mosquito net  |
| PIPE                                   | 004DP44 | 0.43     | 0.944   | Bimodal grade with very good processability,<br>meets PE-80 rating requirements  | Pressure pipe for Water &<br>Gas transportation/distribution   |
|  | 002DP48 | 0.22     | 0.948   | Bimodal grade with good processability.<br>Very high impact & stiffness. Meets PE-100<br>rating requirements             | Pressure pipes for Water &<br>Gas transportation/distribution  |
|  | 010DP45 | 1.0      | 0.945   | Bimodal grade with good processability.<br>Meets PE-63 requirements  | PE-63 presure pipes, Ducts & non-pressure<br>pipes   |