Loyblend® HA-1700

Acrylonitrile Butadiene Styrene + Acrylic (PMMA)

Colour Image Plastic Compound Sdn. Bhd. (CIPC)

Message:

Loyblend[®] HA-1700 is compounded blend of poly methyl methacrylate and acrylonitrile-butadiene-styrene. This grade offers high hardness, good scratch resistance and excellent weathering resistance with a good gloss surface

| Features Good Weather Resistance High Flow High Closs High Closs High Scratch Resistance Uses Appliances General Purpose Forms Pellets Processing Method Injection Molding Processing Method Injection Molding Specific Gravity 1.09 g/dm ² Morinal Value Unit Test Method Specific Gravity 20 g/d10 min ASTM D792 Melt Mass-Flow Rate (MFR) (220°C/10.0 % ASTM D795 Hardness Nominal Value Unit Test Method Noticing Shrinkage - Flow (3.20 mm) 0.40 to 0.70 % ASTM D785 Hardness Nominal Value Unit Test Method Rockwell Hardness (R-Scale) 114 Method Method Tensile Elongation (Break) 250 % ASTM D783 Fleward Modulus 200 MPa ASTM D638 Fleward Modulus 260 MPa ASTM D638 Fleward Modulus 200 MPa ASTM D638 Fleward | General Information | | | |
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| Injection Nominal Value Unit Drying Temperature 80.0 to 90.0 °C | Flammability | Nominal Value | | Test Method |
| Drying Temperature 80.0 to 90.0 °C | Flame Rating (1.60 mm) | НВ | | UL 94 |
| | Injection | Nominal Value | Unit | |
| Drying Time 4.0 to 6.0 hr | Drying Temperature | 80.0 to 90.0 | °C | |
| | Drying Time | 4.0 to 6.0 | hr | |

| Rear Temperature | 190 to 200 | °C | |
|--------------------|--------------|----|--|
| Middle Temperature | 195 to 205 | °C | |
| Front Temperature | 200 to 210 | °C | |
| Nozzle Temperature | 210 to 220 | °C | |
| Mold Temperature | 50.0 to 90.0 | °C | |

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