

High Density Polyethylene 52518

Description:

HD-52518 is a HDPE copolymer which manufactured by gas phase process. This grade is LLDPE Injection Moulding, Extrusion Coating & Rotomoulding. Injection molding for application requiring a good balance between easy of processability and flowability and mechanical properties are the special purpose of this grade.

Properties	Test Method	Unit	Value
Density	ASTM D 1505	g/ml	0.952
MFR (190°/2.16kg)	ASTM D 1238	g/10min	18
Flexural modulus	ASTM D 790	Mpa	1350
Notched Izod impact at 23°C	ASTM D 256/A	J/m	25
Vicat softening point	ASTM D 1525	°C	122

Application:

- Housewares, high fluidity.
- Injection molding grade.

Features:

- Good balance between easy of processability and flowability.

Producer: Jam Petrochemical Company



The above values were calculated from data for 100 µm produced on a 75mm Barrnager extruder with 190°C melt temperature using a 2:1 blow ratio and a gap die of 3.0 mm.