



SHOBEIR SHIMI
WWW.SHOBEIRSHIMI.COM
info@shobeirshimi.com

JAM PETROCHEMICAL COMPANY

HIGH-DENSITY POLYETHYLENE HDPE HD-52518

HD52518 is a high-density polyethylene (HDPE) copolymer specifically designed for injection molding applications. It offers an excellent balance of processability, flowability, and mechanical strength, making it ideal for a wide range of industrial and consumer products.

Producer	Characteristic Properties	Applications	Additive
JAM	Good balance between easy of processability and flowability	Housewares High fluidity Injection moulding grade	Thermal Antioxidant Catalyst neutralizer

Typical Properties

Resin Properties	Unit	Typical	Test Method
Melt Index (190°C/ 2.16Kg)	g/10 min	18	D1238
Density	g/ml	0.952	D1505
Vicat Softening Point	°C	121	D1525
Flexural Modulus	MPa	1200	D790
Notched Izod Impact @ 23 °C	J/m	19	D256/A