

**Technical Data Sheet**

**HD -52518**  
High Density Polyethylene

HD-52518 is a HDPE copolymer which manufactured by gas phase process. This grade is HDPE 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 perpose of this grade.

**Applications:**

Housewares High fluidity

Properties	Units	Value	Test Method
MELT Index	g/10 min	18	D 1238
Density	g/cm3	0.952	D 1505
Thermal Properties	unit	Typical Value	Test Method
Vicat Softening Point	°C	121	D 1525
Molded Properties	unit	Typical Value	Test Method
Flectural Moldulus	Mpa	1200	D790
Notched Impact Strength	J/m	19	D 256/A