



HDPE made via Spherilene Process



Product data sheet **60518**

60518 is a HDPE injection molding grade which combines excellent flowability with high stiffness.
This resin is well suited for housewares and toys applications.

HDPE:60518

Density: 0.960

MFI: 18

Features



- HDPE injection molding grade
- excellent flowability with high stiffness.

Applications



- Injection molding grade
- housewares and toys applications

Additives



- THERMAL ANOTOXIDANT

Material properties (This data are typical values and are not to be construed as product specifications.)

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Resin properties	Unit	Typical values	ASTM Method
Melt Index	(g/10')	18	D 1238
Density	(g/ml)	0.960	D 1505
Physical properties @			
Flexural modulus	(MPa)	1430	D 790
Notched Izod impact at 23 °C	(J/m)	26	D 256/A
Tensile strenght at yield	(MPa)	31.5	D 638
Tensile strenght at break	(MPa)	29	D 638
Ultimate elongation	(%)	15	D 638
Vicat softening point	(°C)	125	D 1525
H.D.T.	(°C)	102	D 648
Shore hardness D	(unit)	65	D 2240
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Fabrication conditions for injection molding			
Recommended barrel temperatures range between 190 and 280 °C.			