



HDPE made via Spherilene Process



Product data sheet 52511

52511 is a HDPE copolymer injection molding grade for applications requiring a good balance between physical properties and flowability, like housewares and toys.

HDPE: 52511

Density: 0.952

MFI: 11

Features



- Good balance between physical properties and flowability,

Applications



- injection molding grade
- Houseware

Additives



- THERMAL ANOTIOXIDANT

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

Resin properties	Unit	Typical values	ASTM Method
Melt Index	(g/10')	11	D 1238
Density	(g/ml)	0.9520	D 1505
Physical properties @			
Flexural modulus	(MPa)	1320	D 790
Notched Izod impact at 23 °C	(J/m)	32	D 256/A
Vicat softening point	(°C)	122	D 1525

@ On compression molded specimen obtained according to ASTM D 1928 C

Fabrication conditions for injection molding

Recommended barrel temperatures range between 190 and 280 °C.