

HDPE made via Spherilene Process



Product data sheet
52528

52528 is a HDPE copolymer injection molding grade for thin walled applications requiring a good balance between high flowability and physical properties.

HDPE:52528

Density: 0.952

MFI: 28

Features



- Good balance between high flowability and physical properties.

Applications



- injection molding grade
- Caps
- Thin walled

Additives



- THERMAL ANOTIOXIDANT

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')	28	D 1238
Density	(g/ml)	0.9520	D 1505
Physical properties @			
Flexural modulus	(MPa)	1380	D 790
Notched Izod impact at 23°C	(J/m)	21	D 256/A
Vicat softening point	(°C)	120	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.