

## Product Data Sheet

52528

High Density Polyethylene

### Product Description

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

### Applications:

- injection molding grade
- Caps
- Thin walle

### Characteristic Properties

Good balance between high flowability and physical properties.

### Additives

THERMAL ANOTIOXIDANT

Resin Properties	Unit	Typical Value	ASTM Method
Melt Index	(g/10 min)	28	D1238
Density	g/ml	0.9520	D1505
<b>Physical Properties @</b>			
Flexural modulus	(MPa)	1380	D 790
Notched Izod impact at 23°C	(J/m)	21	D256/A
Vicat Softening Point	(°C)	120	D1525

**Density: 0.952 MFI: 28**

@ on compression moulded specimen, according to ASTM D 1928°C

Fabrication conditions for injection molding

Recommended barrel temperatures range between 190 and 280°C.