

Technical Datasheet PE 52505

1) Product Description:

PE52505 is a High Density polyethylene copolymer product. It can be processed by injection.

2) Applications:

Containers

3) Typical data:

PROPERTY	TEST METHOD	UNIT	TYPICAL VALUE*
Density	ASTM D1505	g/cm ³	0.950 to 0.954
Melt Mass-Flow Rate(MFR)(190°C/2.16 kg)	ASTM D1238	g/10 min	4.0 to 6.0
Tensile strength	ASTM D638		
Yield, Compression Molded		Mpa	>27.0
Break, 25µm, Blown Film		Mpa	>18.0
Flexural modulus (Compression molded)	ASTM D790	MPa	>1200
Notched Izod Impact (23 °C)	ASTM D256A	J/m	>55
Deflection temperature under load	ASTM D648	°C	>82.0
1.8 MPa, Unannealed			
Vicat Softening Temperature	ASTM D1525	°C	>124

* Typical values not to be construed as specifications.