

KP Plastics

Technical Datasheet PE 52505

Product Description:

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

Applications:

Containers

Typical data:

Property	Test method	Unit	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/10min	4.0 to 6.0
Tensile strength	ASTM D 638	Mpa	>27.0
Yield, Compression Molded		Mpa	>18.0
Break, 25µm, Blown Film			
Flexural modulus (Compression molded)	ASTM D790	Mpa	>1200
Notched Izod Impact (23 °C)	ASTM D256A	J/m	>55
Deflection temperature under load 1.8 MPa, Unannealed	ASTM D648	°C	>82.0
Vicat Softening Temperature	ASTM D1525	°C	>124