

KP Plastics

Technical Datasheet 38504

Product Description:

MD 38504 is a UV stabilized linear medium density polyethylene grade with a narrow molecular weight distribution. Typical characteristics include good impact strength and excellent external and internal surface finish. It is suitable for rotational molding and some injection molding.

Applications:

Technical parts and closures. Characteristics include.

Typical data:

Property	Test method	Unit	value
Melt index	ASTM D 1238	g/10	4
Density	ASTM D1505	g/ml	0.938
Flexural modulus	ASTM D790	MPa	650
Tensile strength at Yield	ASTM D 638	MPa	15
Tensile strength at break	ASTM D 638	MPa	800
Charpy Unnotched impact Strength Vicat	ASTM D256	KJ/m ²	25
Softening Temperature	ASTM D1525	°C	115
Melting Temperature	-	°C	125
Durometer Hardness	ASTM D2240	Shore D	60