

Technical Datasheet HD52B18

Product Description:

HD52B18 is a injection-moulding grade high density polyethylene. Good impact strength, easy processing, high rigidity and Uv resistance make it especially suitable for usage in crates, Home Appliances.

procssability, flowability and mechanical properties.

Applications:

injection molding of crates and houseware

Typical data:

Property	Test method	Unit	value
Melt Index	ASTM D 1238	gr/10Min	18
Density	ASTM D 1505	g/cc	0.952
F/E Ratio	ASTM D 1238	-	<30
Vicat	ASTM D 1525	°C	131
Tensile Stress @ Yield	ASTM D 638	MPA	28
Tensile Stress @ Break	ASTM D 638	MPA	14
Elongation @ Break	ASTM D 638	%	400
Flexural Secant Modulus	STM D 790	MPA	1200
Izod Impact Resistance	ASTM D 256	J/m	40
Contamination	BASEL MTM17064 E	Ratio	<40