



## 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, proccsability, 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