



DATA SHEET

ALTOFLEX® HDPE 150

Description: High density polyethylene copolymer intended for injection molding applications

Applications:

- Buckets
- Pails

Resin Properties		Method	Typical Value	
Density		ASTM D4883	0.953	g/cm ³
Melt Index, 190°C/2.16 kg		ASTM D1238	6.00	g/10 min
Compression Molded Sample		Method	Typical Value	
Tensile Strenght (2 in/min):				
	Yield	ASTM D638	27.0	MPa
	Break		25.0	MPa
Elongation (2 in/min):				
	Yield	ASTM D638	10.0	%
	Break		> 1,000	%
Fexular Modulus				
	Tangent	ASTM D790A	1,300	MPa
Notched Izod Impact Strength		ASTM D256	4.4	kJ/m ²
Hardness				
	Shore D	ASTM D2240	68	
Vicat Softening Point		ASTM D1525	126	C
Brittleness Temperature		ASTM D746	<-70	C
Heat Deflection Temperature				
	@ 455 kPa	ASTM D648	72	C
ESCR				
Condition B, 100% Igepal F50		ASTM D1693	7	Hrs.

Typical properties: These are not to be construed as specifications.

Disclaimer: Information in this document is accurate to the best of our knowledge at the date of publication. Users will determine whether the product is suitable for their use.

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