

HD53-200

HD53-200 is a copolymer certified prime grade designed for injection molding, general purpose applications. HD53-2000 features easy processability, good impact strength and good toughness. **HD53-200** complies with FDA regulation 21CFR 177.1520(c) 3.2a.

PROPERTIES	ASTM	UNIT	NOMINAL VALUES
PHYSICAL			
Melt Flow Rate (190 °C, 2.16kg)	D1238	g/10 min	20
Density	D1505	g/cm ³	0.953
MECHANICAL			
Flexural Modulus ¹	D790	psi	173k
Tensile Strength @ Yield ²	D638	psi	3830
Elongation @ Break ²	D638	%	280
Env. Stress Cracking Reistance (F50)	D1639B	Hr	<10.0
HDT @66 psi (Under Load)	D648	°F	164
Brittleness Temperature	D746	°F	<103

Typical Value of Properties not to be construed as specifications

* Test Made on injection molded Type 1 tension test specimen according to ASTM D2146

1 - @ 0.051 in/min

2 - @ 2 in/min.



Genesis Polymers

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