



HYPEL® PEHD.3/.955

Entec Polymers - High Density Polyethylene

Tuesday, November 5, 2019

General Information

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Material Status	• Commercial: Active
Availability	• North America
Features	• High Density
RoHS Compliance	• RoHS Compliant
Forms	• Pellets

ASTM & ISO Properties ¹

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	0.955		ASTM D792
Melt Mass-Flow Rate (190°C/2.16 kg)	0.35	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield, 73°F)	4000	psi	ASTM D638
Tensile Elongation (Break, 73°F)	600	%	ASTM D638
Flexural Modulus (73°F)	200000	psi	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (73°F, 0.125 in)	4.5	ft-lb/in	ASTM D256

Notes

¹ Typical properties: these are not to be construed as specifications.