

PRIMATOP HDPE 003955PZ

High Density Polyethylene
Amco Polymers

Message:
Phillips Process Hexene Copolymer

General Information			
Additive	Zinc Stearate Lubricant		
Features	Copolymer		
	Food Contact Acceptable		
	Hexene Comonomer		
	High ESCR (Stress Crack Resist.)		
	Lubricated		
Uses	Blow Molding Applications		
Agency Ratings	FDA 21 CFR 177.1520		
Processing Method	Injection Blow Molding		
Physical	Nominal Value	Unit	Test Method
Density	0.955	g/cm ³	ASTM D1505
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	0.35	g/10 min	ASTM D1238
Environmental Stress-Cracking Resistance			
F50	35.0	hr	ASTM D1693B
100% Igepal, F50	45.0	hr	ASTM D1693A
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ¹ (Yield)	27.6	MPa	ASTM D638
Tensile Elongation ² (Break)	> 600	%	ASTM D638
Flexural Modulus	1380	MPa	ASTM D790
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	> -84.4	°C	ASTM D746
NOTE			
1.	Type IV, 50 mm/min		
2.	Type IV, 50 mm/min		

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