

PRIMATOP HDPE 003955P

High Density Polyethylene
Amco Polymers

Message:
Phillips Process Hexene Copolymer

General Information	
Features	Copolymer
	Food Contact Acceptable
	Hexene Comonomer
	High ESCR (Stress Crack Resist.)
	High Stiffness
Uses	Blow Molding Applications
	Sheet
Agency Ratings	FDA 21 CFR 177.1520
Processing Method	Blow Molding
	Sheet Extrusion
	Thermoforming

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	< -118	°C	ASTM D746

NOTE	
1.	Type IV, 50 mm/min
2.	Type IV, 50 mm/min

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