

CERTENE™ 8320

Linear Low Density Polyethylene
Muehlstein

Message:

CERTENE™8320 is a linear low density polyethylene material. This product is available in North America.

General Information			
Forms	Particle		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.924	g/cm³	ASTM D792
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	20	g/10 min	ASTM D1238
Environmental Stress-Cracking Resistance (50°C, 100% Igepal, F50)	20.0	hr	ASTM D1693
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D)	50		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength			ASTM D638
Yield	11.7	MPa	ASTM D638
Fracture	7.58	MPa	ASTM D638
Tensile Elongation			ASTM D638
Yield	3.0	%	ASTM D638
Fracture	60	%	ASTM D638
Flexural Modulus - 2% Secant	386	MPa	ASTM D790B
Impact	Nominal Value	Unit	Test Method
Tensile Impact Strength ¹	168	kJ/m²	ASTM D1822
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	42.8	°C	ASTM D648
Brittleness Temperature	< -76.1	°C	ASTM D746
Vicat Softening Temperature	93.9	°C	ASTM D1525
Melting Temperature (DSC)	123	°C	Internal method
Peak Crystallization Temperature (DSC)	108	°C	Internal method
Additional Information			
根据 ASTM D 4976 进行基板模制和测试.			
NOTE			
1.	Type s		

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