

KMI PE KM 2055 HDPE

High Density Polyethylene

KMI Group, Inc.

Message:

KM 2055 HDPE

Polyethylene

This product has good stiffness and stress cracking resistance. It is compliant with the FDA and USP Class VI approved. It is suitable for food packaging. It is often used in industrial parts and chemicals, detergents, and bleach.

General Information			
Features	Good ESCR (Stress Crack Resist.)		
	Rigid, good		
	High density		
Uses	Industrial components		
	Food packaging		
Agency Ratings	FDA not rated		
	USP Class VI		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.955	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	0.35	g/10 min	ASTM D1238
Environmental Stress-Cracking Resistance	50.0	hr	ASTM D1693B
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	27.6	MPa	ASTM D638
Tensile Elongation (Break)	600	%	ASTM D638
Flexural Modulus	1380	MPa	ASTM D790
Thermal	Nominal Value	Unit	Test Method
Melting Temperature	129	°C	ASTM D3417

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