

HiFill FR® LDPE 0110 FR-N BK

High Density Polyethylene

Techmer Engineered Solutions

Message:

HiFill FR® LDPE 0110 FR-N BK is a High Density Polyethylene product. It can be processed by injection molding and is available in North America.

Characteristics include:

Flame Rated

Flame Retardant

General Information			
UL YellowCard	E253782-101773875		
Features	Flame Retardant		
Appearance	Colors Available		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.04	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	2.0	g/10 min	ASTM D1238
Water Absorption (24 hr)	0.020	%	ASTM D570
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength			ASTM D638
Yield	200	MPa	
--	10.3	MPa	
Tensile Elongation (Break)	800	%	ASTM D638
Flexural Modulus	4.83	MPa	ASTM D790
Flexural Strength	19.3	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C, 3.18 mm)	53	J/m	ASTM D256
Flammability	Nominal Value		Test Method
Flame Rating			UL 94
0.750 mm	V-2		
1.50 mm	V-0		

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Recommended distributors for this material

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