NOVAPOL® GF-0218-F

Linear Low Density Polyethylene

NOVA Chemicals

Message:

NOVAPOL®GF-0218-F is a linear low density polyethylene material. This product is available in North America.
NOVAPOL®The main features of the GF-0218-F are:
Good processability
Antioxidants
accessible food
Halal Food Approval
Typical application areas include:
food contact applications
additive/masterbatch

General Information			
Additive	Antioxidation		
Features	Kosher certification Antioxidation Dispersible Workability, good Compliance of Food Exposure		
Uses	Masterbatch		
Agency Ratings	FDA 21 CFR 177.1520(c) 3.2a		
Appearance	White Black Available colors		
Forms	Particles		
Physical	**Nominal Value**	**Unit**	**Test Method**
Specific Gravity	0.920	g/cm³	ASTM D792
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	2.0	g/10 min	ASTM D1238
Hardness	**Nominal Value**	**Unit**	**Test Method**
Durometer Hardness (Shore D, Compression Molded)	53		ASTM D2240
Mechanical	**Nominal Value**	**Unit**	**Test Method**
Tensile Strength [1]			ASTM D638
Yield, molding	11.0	MPa	ASTM D638
Fracture, molding	24.0	MPa	ASTM D638
Tensile Elongation [2]			ASTM D638
Yield, molding	17	%	ASTM D638
Fracture, molding	850	%	ASTM D638

Flexural Modulus - 1% Secant (Compression Molded)	340	MPa	ASTM D790
Thermal	**Nominal Value**	**Unit**	**Test Method**
Vicat Softening Temperature	100	°C	ASTM D1525
Melting Temperature	121	°C	Internal method
NOTE			
1.	51 mm/min		
2.	51 mm/min		

Recommended distributors for this material

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WECHAT