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Salesforce



FG-9209

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VINYL COMPOUNDS

FG-9209 Rigid

PRODUCT DESCRIPTION		
This rigid, non-phthalate compound is formulated to provide excellent clarity and ease of processing for a variety of blow molding, packaging, and bottle applications that require NSF 61 certification. This food-grade compound is commonly used in food contact, cosmetic packaging, and general purpose applications.		

GENERAL PROPERTIES	TYPICAL VALUE	TEST METHOD
Specific Gravity (+/- 0.02)	1.32	ASTM D-792
Hardness Delayed, Shore D (+/- 3)	75	ASTM D-2240
Cell Classification	16343	ASTM D-1784

MECHANICAL PROPERTIES	TYPICAL VALUE	TEST METHOD
Tensile Yield Strength, psi	6300	ASTM D-638
Tensile Yield Strength, MPa	43	ASTM D-638
Tensile Modulus, psi	390000	ASTM D-638
Tensile Modulus, MPa	2689	ASTM D-638
Flexural Strength, psi	11500	ASTM D-790
Flexural Strength, MPa	79	ASTM D-790
Flexural Modulus, psi	325000	ASTM D-790
Flexural Modulus, MPa	2241	ASTM D-790
1/8" Notched Izod Impact ft-lbs/in at 23°C	18	ASTM D-256

THERMAL PROPERTIES	TYPICAL VALUE	TEST METHOD
Heat Deflection Temp °C at 264 psi/1.8 MPa	62	ASTM D-648

OTHER PROPERTIES	TYPICAL VALUE	TEST METHOD
Transmittance, 1/8" pressed plaque, %	80	ASTM D-648
Haze, 1/8" pressed plaque, %	5	ASTM D-1003-61

Revised Date:10/29/2019

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