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Salesforce



SP-7107

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VINYL COMPOUNDS

SP-7107 Rigid

PRODUCT DESCRIPTION		
This rigid, non-phthalate compound is formulated to provide excellent high-flow and weatherable characteristics for a variety of custom injection molding and electrical applications that require NSF 61 certification.		
GENERAL PROPERTIES	TYPICAL VALUE	TEST METHOD
Specific Gravity (+/- 0.02)	1.32	ASTM D-792
Hardness Delayed, Rockwell R	100	ASTM D-785
Mold Shrinkage 10 [^] 3 in/in	3-4	ASTM D-955
Flow Ratio (Distance/Wall Thickness, 390-400F)	215	Internal
MECHANICAL PROPERTIES	TYPICAL VALUE	TEST METHOD
Tensile Yield Strength, psi	6000	ASTM D-638
Tensile Yield Strength, MPa	41	ASTM D-638
Tensile Modulus, psi	380000	ASTM D-638
Tensile Modulus, MPa	2620	ASTM D-638
Flexural Strength, psi	11000	ASTM D-790
Flexural Strength, MPa	76	ASTM D-790
Flexural Modulus, psi	400000	ASTM D-790
Flexural Modulus, MPa	2758	ASTM D-790
Gardner high-impact 23°C 1/2" R Tup, in-lbs/mil	2.9	
1/8" Notched Izod Impact ft-lbs/in at 23°C	15	ASTM D-256
1/8" Notched Izod Impact ft-lbs/in at -20°C	1.1	ASTM D-256
THERMAL PROPERTIES	TYPICAL VALUE	TEST METHOD
Heat Deflection Temp °C at 66 psi/0.46 MPa	74	ASTM D-648
Heat Deflection Temp °C at 264 psi/1.8 MPa	70	ASTM D-648

Revised Date:10/29/2019

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