

5/25/23, 1:51 PM

Salesforce



EP-6579

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VINYL COMPOUNDS

EP-6579 Rigid

PRODUCT DESCRIPTION		
This rigid, non-phthalate compound is formulated to provide excellent ease of processing and flame retardant characteristics for a variety of interior custom injection molding applications that require UL 94 V-0/5Va and UL RTI certifications. This electrical-grade compound is commonly used in applications that require toughness.		
GENERAL PROPERTIES	TYPICAL VALUE	TEST METHOD
Specific Gravity (+/- 0.02)	1.33	ASTM D-792
Hardness Delayed, Shore D (+/- 3)	70	ASTM D-2240
Cell Classification	16144	ASTM D-1784
Mold Shrinkage 10 ⁻³ in/in	3-4	ASTM D-955
MECHANICAL PROPERTIES	TYPICAL VALUE	TEST METHOD
Tensile Yield Strength, psi	4900	ASTM D-638
Tensile Yield Strength, MPa	34	ASTM D-638
Tensile Modulus, psi	309000	ASTM D-638
Tensile Modulus, MPa	2131	ASTM D-638
Flexural Strength, psi	11000	ASTM D-790
Flexural Strength, MPa	76	ASTM D-790
Flexural Modulus, psi	380000	ASTM D-790
Flexural Modulus, MPa	2620	ASTM D-790
Gardner high-impact 23°C 1/2" R Tup, in-lbs/mil	2	
1/8" Notched Izod Impact ft-lbs/in at 23°C	19	ASTM D-256
THERMAL PROPERTIES	TYPICAL VALUE	TEST METHOD
Heat Deflection Temp °C at 264 psi/1.8 MPa	76	ASTM D-648

Revised Date:10/29/2019

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