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Salesforce



Suprel® 9301

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VINYL COMPOUNDS

Suprel® 9301 Rigid

PRODUCT DESCRIPTION		
This rigid, non-phthalate compound is formulated to provide excellent high-flow characteristics for a variety of custom injection molding applications that require UL flammability listings. This alloy is formulated with mid-range properties, providing an excellent balance between high-impact strength and stiffness.		
GENERAL PROPERTIES	TYPICAL VALUE	TEST METHOD
Specific Gravity (+/- 0.02)	1.22	ASTM D-792
Mold Shrinkage 10 ⁻³ in/in	3-5	ASTM D-955
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	379000	ASTM D-638
Tensile Modulus, MPa	2613	ASTM D-638
Flexural Strength, psi	9100	ASTM D-790
Flexural Strength, MPa	63	ASTM D-790
Flexural Modulus, psi	330000	ASTM D-790
Flexural Modulus, MPa	2275	ASTM D-790
1/8" Notched Izod Impact ft-lbs/in at 23°C	8.6	ASTM D-256
THERMAL PROPERTIES	TYPICAL VALUE	TEST METHOD
Heat Deflection Temp °C at 66 psi/0.46 MPa	84	ASTM D-648
Heat Deflection Temp °C at 264 psi/1.8 MPa	80	ASTM D-648
REGULATORY LISTINGS AND CERTIFICATIONS		
UL 94		
RoHS		

Revised Date:10/29/2019

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