

5/25/23, 2:11 PM

Salesforce



Suprel® 9420

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VINYL COMPOUNDS

Suprel® 9420 Rigid

PRODUCT DESCRIPTION		
This rigid, non-phthalate compound is formulated to provide excellent high-impact and low-temperature characteristics for a variety of custom injection molding applications. This compound is commonly used in telecommunication applications that require weatherability, impact resistance, and toughness. This alloy provides a UL flammability listing per UL 746-C.		
GENERAL PROPERTIES	TYPICAL VALUE	TEST METHOD
Specific Gravity (+/- 0.02)	1.21	ASTM D-792
Mold Shrinkage 10 ⁻³ in/in	3-5	ASTM D-955
MECHANICAL PROPERTIES	TYPICAL VALUE	TEST METHOD
Tensile Yield Strength, psi	4000	ASTM D-638
Tensile Yield Strength, MPa	28	ASTM D-638
Tensile Modulus, psi	227000	ASTM D-638
Tensile Modulus, MPa	1565	ASTM D-638
Flexural Strength, psi	5800	ASTM D-790
Flexural Strength, MPa	40	ASTM D-790
Flexural Modulus, psi	221000	ASTM D-790
Flexural Modulus, MPa	1524	ASTM D-790
Gardner high-impact 23°C 1/2" R Tup, in-lbs/mil	1.7	
1/8" Notched Izod Impact ft-lbs/in at 23°C	15	ASTM D-256
THERMAL PROPERTIES	TYPICAL VALUE	TEST METHOD
Heat Deflection Temp °C at 66 psi/0.46 MPa	73	ASTM D-648
Heat Deflection Temp °C at 264 psi/1.8 MPa	71	ASTM D-648

Revised Date:10/29/2019

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