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Salesforce



SP-6560

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VINYL COMPOUNDS

SP-6560 Rigid

PRODUCT DESCRIPTION		
This rigid, non-phthalate compound is formulated to provide excellent high-impact, high-flow, and low-temperature characteristics for a variety of custom injection molding and electrical applications. This compound is commonly used in applications that require excellent weatherability, color hold, and surface appearance.		
GENERAL PROPERTIES	TYPICAL VALUE	TEST METHOD
Specific Gravity (+/- 0.02)	1.35	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)	200	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	370000	ASTM D-638
Tensile Modulus, MPa	2551	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	2.9	
1/8" Notched Izod Impact ft-lbs/in at 23°C	19	ASTM D-256
1/8" Notched Izod Impact ft-lbs/in at -20°C	3	ASTM D-256
THERMAL PROPERTIES	TYPICAL VALUE	TEST METHOD
Heat Deflection Temp °C at 66 psi/0.46 MPa	75	ASTM D-648
Heat Deflection Temp °C at 264 psi/1.8 MPa	71	ASTM D-648

Revised Date:02/05/2020

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