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Salesforce



SP-6235

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VINYL COMPOUNDS

SP-6235 Rigid

PRODUCT DESCRIPTION		
This rigid, non-phthalate compound is formulated to provide excellent processability, 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 colorability, regrind stability, and surface appearance.		
GENERAL PROPERTIES	TYPICAL VALUE	TEST METHOD
Specific Gravity (+/- 0.02)	1.33	ASTM D-792
Mold Shrinkage 10 ⁻³ in/in	3-5	ASTM D-955
MECHANICAL PROPERTIES	TYPICAL VALUE	TEST METHOD
Tensile Yield Strength, psi	5400	ASTM D-638
Tensile Yield Strength, MPa	37	ASTM D-638
Tensile Modulus, psi	320000	ASTM D-638
Tensile Modulus, MPa	2206	ASTM D-638
1/8" Notched Izod Impact ft-lbs/in at 23°C	20	ASTM D-256
1/8" Notched Izod Impact ft-lbs/in at -20°C	3.1	ASTM D-256
THERMAL PROPERTIES	TYPICAL VALUE	TEST METHOD
Heat Deflection Temp °C at 66 psi/0.46 MPa	75	
Heat Deflection Temp °C at 264 psi/1.8 MPa	69	
OTHER PROPERTIES	TYPICAL VALUE	TEST METHOD
RTI Electric, °C	95	
RTI Imperial, °C	85	
RTI Strength, °C	95	

Revised Date:10/29/2019

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