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Salesforce



6400

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VINYL COMPOUNDS

6400 Rigid

PRODUCT DESCRIPTION		
This rigid, non-phthalate compound is formulated to provide excellent clarity and high-flow properties for a variety of custom injection molding, electrical, and appliance applications. This compound is commonly used in thin-wall parts and multi-cavity molds.		
GENERAL PROPERTIES	TYPICAL VALUE	TEST METHOD
Specific Gravity (+/- 0.02)	1.40	ASTM D-792
Mold Shrinkage 10 ⁻³ in/in	3-4	ASTM D-955
MECHANICAL PROPERTIES	TYPICAL VALUE	TEST METHOD
Tensile Yield Strength, psi	6500	ASTM D-638
Tensile Yield Strength, MPa	45	ASTM D-638
Tensile Modulus, psi	400000	ASTM D-638
Tensile Modulus, MPa	2758	ASTM D-638
Flexural Strength, psi	11000	ASTM D-790
Flexural Strength, MPa	76	ASTM D-790
Flexural Modulus, psi	350000	ASTM D-790
Flexural Modulus, MPa	2413	ASTM D-790
1/8" Notched Izod Impact ft-lbs/in at 23°C	8	ASTM D-256
THERMAL PROPERTIES	TYPICAL VALUE	TEST METHOD
Heat Deflection Temp °C at 66 psi/0.46 MPa	71	ASTM D-648
Heat Deflection Temp °C at 264 psi/1.8 MPa	69	ASTM D-648
OTHER PROPERTIES	TYPICAL VALUE	TEST METHOD
RTI Electric, °C	85	
RTI Imperial, °C	85	
RTI Strength, °C	85	

Revised Date:10/29/2019

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