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Salesforce



HH-6730

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VINYL COMPOUNDS

HH-6730 Rigid

PRODUCT DESCRIPTION		
This rigid, non-phthalate compound is formulated to provide high-heat distortion properties for a variety of custom injection molding applications. This molding -grade alloy provides a cost and performance niche between high-flow vinyl and utility engineered thermoplastics for a more cost-effective end product. This compound possesses excellent light stability, color hold, and surface appearance.		
GENERAL PROPERTIES	TYPICAL VALUE	TEST METHOD
Specific Gravity (+/- 0.02)	1.30	ASTM D-792
Hardness Delayed, Rockwell R	110	ASTM D-785
Mold Shrinkage 10 [^] 3 in/in	4-6	ASTM D-955
Flow Ratio (Distance/Wall Thickness, 390-400F)	210	Internal
MECHANICAL PROPERTIES	TYPICAL VALUE	TEST METHOD
Tensile Yield Strength, psi	6400	ASTM D-638
Tensile Yield Strength, MPa	44	ASTM D-638
Tensile Modulus, psi	360000	ASTM D-638
Tensile Modulus, MPa	2482	ASTM D-638
Flexural Strength, psi	10000	ASTM D-790
Flexural Strength, MPa	69	ASTM D-790
Flexural Modulus, psi	10000	ASTM D-790
Flexural Modulus, MPa	69	ASTM D-790
1/8" Notched Izod Impact ft-lbs/in at 23°C	3	ASTM D-256
1/8" Notched Izod Impact ft-lbs/in at -20°C	1	ASTM D-256
THERMAL PROPERTIES	TYPICAL VALUE	TEST METHOD
Heat Deflection Temp °C at 66 psi/0.46 MPa	90	ASTM D-648
Heat Deflection Temp °C at 264 psi/1.8 MPa	85	ASTM D-648

Revised Date:02/05/2020

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