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Salesforce



2651

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VINYL COMPOUNDS

2651 Rigid

PRODUCT DESCRIPTION		
This rigid, non-phthalate compound is formulated for a variety of custom injection molding applications. This sustainable compound is partially formulated with recycled product to allow for a more cost-effective end product.		
GENERAL PROPERTIES	TYPICAL VALUE	TEST METHOD
Specific Gravity (+/- 0.02)	1.35	ASTM D-792
Hardness Delayed, Rockwell R	85	ASTM D-785
Mold Shrinkage 10 [^] 3 in/in	3-4	ASTM D-955
Flow Ratio (Distance/Wall Thickness, 390-400F)	190	Internal
MECHANICAL PROPERTIES	TYPICAL VALUE	TEST METHOD
Tensile Yield Strength, psi	6300	ASTM D-638
Tensile Yield Strength, MPa	43	ASTM D-638
Tensile Modulus, psi	398000	ASTM D-638
Tensile Modulus, MPa	2744	ASTM D-638
Flexural Strength, psi	10620	ASTM D-790
Flexural Strength, MPa	73	ASTM D-790
Flexural Modulus, psi	370000	ASTM D-790
Flexural Modulus, MPa	2551	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	10	ASTM D-256
1/8" Notched Izod Impact ft-lbs/in at -20°C	1.5	ASTM D-256
FLAMMABILITY PROPERTIES	TYPICAL VALUE	TEST METHOD
Limited Oxygen Index, %	36	

Revised Date:04/08/2021

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