

5/25/23, 12:55 PM

Salesforce



7801

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VINYL COMPOUNDS

7801 Flexible

PRODUCT DESCRIPTION		
This flexible, non-phthalate compound is formulated for a variety of custom injection molding applications.		
GENERAL PROPERTIES	TYPICAL VALUE	TEST METHOD
Specific Gravity (+/- 0.02)	1.32	ASTM D-792
Hardness Delayed, Shore D (+/- 3)	78	ASTM D-2240
Hardness Delayed, Rockwell R	105	ASTM D-2240
Cell Classification	16223	ASTM D-1784
MECHANICAL PROPERTIES	TYPICAL VALUE	TEST METHOD
Tensile Yield Strength, psi	5330	ASTM D-638
Tensile Yield Strength, MPa	37	ASTM D-638
Tensile Modulus, psi	290000	ASTM D-638
Tensile Modulus, MPa	2000	ASTM D-638
Flexural Strength, psi	8710	ASTM D-790
Flexural Strength, MPa	60	ASTM D-790
Flexural Modulus, psi	284000	ASTM D-790
Flexural Modulus, MPa	1958	ASTM D-790
1/8" Notched Izod Impact ft-lbs/in at 23°C	24.8	ASTM D-256
THERMAL PROPERTIES	TYPICAL VALUE	TEST METHOD
Heat Deflection Temp °C at 264 psi/1.8 MPa	66.3	ASTM D-648
Coefficient of Thermal Expansion 10 ⁻⁵ in/in °F	4	ASTM D-696
ADDITIONAL INFORMATION	TYPICAL VALUE	TEST METHOD
Recommended Melt Temperature, °F	375-385	

Revised Date:10/29/2019

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