

# SHUMAN COMPOUND: DATA SHEET

**DESCRIPTION: POLYPROPYLENE IMPACT COPOLYMER 502C BLACK**

**OFFERS THIS COMBINATION OF PROPERTIES:**  
EXCELLENT IMPACT STRENGTH, EXCELLENT CHEMICAL RESISTANCE, EXCELLENT  
PROCESSABILITY

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## TYPICAL PROPERTIES

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<u>MECHANICAL PROPERTIES</u>	<u>VALUE</u>	<u>UNITS</u>	<u>TEST METHODS</u>
IZOD IMPACT STRENGTH (NOTCHED, 1/8" THICK SPECIMEN)	2.0 (+)	FT-LBS/IN	ASTM D-256
TENSILE STRENGTH	4057	PSI	ASTM D-638
 <u>THERMAL PROPERTIES</u>			
HEAT DEFLECTION TEMPERATURE @ 264 PSI	117	°F	ASTM D-648
VICAT SOFTENING TEMPERATURE	300	°F	ASTM D-1525
 <u>OTHER PROPERTIES</u>			
SPECIFIC GRAVITY	0.9		ASTM D-792
MELT FLOW RATE (RANGES)	5.0 - 8.9 9.0 - 12.9 13.0 - 16.9 17.0 - 22.0	GM/10 MIN.	ASTM D-1238

**SUGGESTED PROCESSING CONDITIONS:** 370° - 420°F

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DATA SHOWN ARE THE AVERAGE RESULTS OF OUR OWN TESTS AND SHOULD NOT BE USED FOR SPECIFICATIONS

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