



Product Data Sheet & General Processing Conditions

Unground Rice Hulls and PP

Material Property	Value	Units	ASTM TEST
Specific Gravity *	0.98	g/cm ³	
Melt Flow Rate * @ 190 °C, / 2.16 kg	2.6	g/10 min	D 1238
MECHANICAL *			
Impact Strength, Izod			
notched 1/8 in (3.2 mm) section	1.35	ft-lbs/in	D 256
unnotched 1/8 in (3.2 mm) section	1.69	ft-lbs/in	D 256
Tensile Strength	1,950	psi	D 638
Tensile Elongation	2.76	%	D 638
Tensile Modulus	218,000	psi	D 638
Flexural Strength	4,220	psi	D 790
Flexural Modulus	216,000	psi	D 790
GENERAL PROCESSING CONDITIONS			
	English	Units	
Injection Pressure	medium		
Melt Temperature	375 - 400 °F	°F	
Mold Temperature	90 - 150 °F	°F	
Drying	2 hrs @ 200 °F		

PROCESSING NOTES

This information is intended to be used only as a guideline for designers and processors of modified thermoplastics. Because design and processing is complex, a set solution will not solve all problems. Observation on a "trial and error" basis may be required to achieve desired results.

Data are obtained from specimens molded under carefully controlled conditions from representative samples of the compound described herein. Properties may be materially affected by molding techniques applied and by the size and shape of the item molded. No assurance can be implied that all molded articles will have the same properties as those listed.

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949 Antler Court

River Falls, WI 54022

www.interfacialsolutions.com