



Preliminary Data Sheet
Xusto™ XP 475 High Strength
Natural Fiber Compound

PROPERTIES & AVERAGE VALUES OF INJECTION MOLDED SPECIMENS

Material Property	Value*	Units	ASTM TEST
Specific Gravity	1.10	g/cm ³	
MECHANICAL			
Impact Strength, Izod notched 1/8 in (3.2 mm) section	0.39	ft-lbs/in	D 256
Tensile Strength	5,670	psi	D 638
Flexural Strength	9,280	psi	D 790
Flexural Modulus	409,000	psi	D 790

Melt Index See Certificate of Analysis

Moisture Level See Certificate of Analysis

PROPERTY NOTES

Data herein is typical and not to be construed as specifications. Unless otherwise specified, all data listed is for natural colored materials. Pigments can affect properties.

* Values per Interfacial Solutions company testing.

GENERAL PROCESSING CONDITIONS

Xusto™ XP475 Natural Fiber Compound

	English	Units
Melt Temperature	360 - 390	°F
Mold Temperature	90 – 150	°F
Drying	2-3 hrs @ 140°F	
Target Moisture	< 0.20%	

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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