POLYALLOY INC.

XUANWU™

XW1326

Technical Datasheet

XW1326 resin is polypropylene with 40% mineral fiber compound for general purpose.

Property	Test Method	Unit	Value
MECHANICAL			
Tensile Modulus	ASTM D638	kg/cm^2	33500
Tensile Strength	ASTM D638	kg/cm^2	340
Elongation (at break)(2)	ASTM D638	%	4
Flexural Modulus	ASTM D790	kg/cm^2	38500
Flexural Strength	ASTM D790	kg/cm^2	580
IZOD Impact / Notched (23˚C)	ASTM D256	kg-cm/cm	3
IZOD Impact / Notched (-40˚C)	ASTM D256	kg-cm/cm	1.5
IZOD Impact / Unnotched (23˚C)	ASTM D256	kg-cm/cm	25
THERMAL			
Heat Deflection Temperature (4.6Kg/cm^2)	ASTM D648	˚C	145
PHYSICAL			
Specific Gravity	ASTM D792	-	1.25
Melt Flow Rate (230˚C/2.16Kg)	ASTM D1238	g/10min	12

(1)Values shown are based upon specific condition. Variations within normal tolerances are possible for various colors. Actual properties of individual batches will vary within specification limits.
(2)The data of elongation may be very under different molding process. The data shown above is tested by the sample from injection process.

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