

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.

Reported values are only as guidelines for designers and processors of modified thermoplastics. Data are obtained from specimens molded under carefully controlled conditions from representative samples of the compound described herein. Properties may be materially affected by pellet cut, size, color, molding techniques applied, and shape of the item molded. No assurance can be implied that all molded articles will have the same properties as those listed.

The values of specification listed were collected and shown to the best of our knowledge. However, we ask for understanding that we can not take over liability for the results in individual cases and for the suitability and completeness of our recommendations, and can not guarantee that no third-party patent rights are restricted. It is the responsibility of the customer to determine that the product is safe, lawful and technically suitable for the intended use.

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