

reSound™ X RS1200-0215

Polylactic Acid Compound
PolyOne Corporation

Message:

Edgetek™ Copolyester Compounds are based on Eastman Tritan™ copolyester resin customized to meet specific performance criteria.

General Information			
Filler / Reinforcement	Filler, 15% filler by weight		
Features	Impact resistance, good		
	Updatable resources		
	Cleanable		
	Good color stability		
	Good chemical resistance		
	Heat resistance, medium		
	Good toughness		
Uses	Kitchen utensils		
	Electrical/Electronic Applications		
	Electrical appliances		
	Home appliance components		
	Household goods		
	Car interior parts		
	Shell		
	Consumer goods application field		
Forms	Particle		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.21	g/cm ³	ASTM D792
Molding Shrinkage - Flow (3.18 mm)	0.60	%	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ¹ (Yield)	59.3	MPa	ASTM D638
Tensile Elongation ² (Break)	7.0	%	ASTM D638
Flexural Modulus ³	3040	MPa	ASTM D790
Flexural Strength ⁴	97.8	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C, 3.18 mm, Injection Molded)	48	J/m	ASTM D256A
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed, 3.18 mm)	118	°C	ASTM D648

Additional Information

This product contains 30% by weight renewable resource content.

NOTE

1.	5.1 mm/min
2.	Type 1, 5.1 mm/min
3.	1.3 mm/min
4.	1.3 mm/min

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