

Advanced Composites ATX913-2

Polypropylene
Advanced Composites, Inc.

Message:

Advanced Composites ATX913-2 is a polypropylene product. It is available in North America.
Features include:
Impact resistance
scratch resistance

General Information			
Features	Impact resistance, high		
	Scratch resistance		
Forms	Particle		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.05	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	7.2	g/10 min	ASTM D1238
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	75		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ¹ (Yield)	24.1	MPa	ASTM D638
Tensile Elongation ² (Break)	130	%	ASTM D638
Flexural Modulus ³	2220	MPa	ASTM D790
Flexural Strength ⁴	39.1	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	550	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	127	°C	ASTM D648
Injection	Nominal Value	Unit	
Drying Temperature	100	°C	
Drying Time	2.0 - 4.0	hr	
Rear Temperature	190	°C	
Middle Temperature	190 - 200	°C	
Front Temperature	200	°C	
Nozzle Temperature	210	°C	
Processing (Melt) Temp	190 - 210	°C	
Mold Temperature	40.0 - 60.0	°C	
Cushion	10.0 - 20.0	mm	
Injection instructions			
Injection Pressure: 50 to60% of amchine capacityScrew RPM: 1 to 2 secs before mold open			

NOTE	
1.	50 mm/min
2.	50 mm/min
3.	2.8 mm/min
4.	2.8 mm/min

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Recommended distributors for this material

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WECHAT