

EnviroPro 1504M15

Polypropylene Copolymer
West Michigan Compounding

Message:

EnviroPro 1504M15 is a polypropylene copolymer (PP Copoly) product, which contains 15% mineral fillers. It can be processed by injection molding and is available in North America.
Features include:
Copolymer
Good dimensional stability
Impact resistance

General Information			
Filler / Reinforcement	Mineral filler, 15% filler by weight		
Features	Good dimensional stability		
	Copolymer		
	Impact resistance, high		
Appearance	Black		
Forms	Particle		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.02	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	15	g/10 min	ASTM D1238
Molding Shrinkage - Flow	1.1	%	ASTM D955
Ash Content	15	%	ASTM D5630
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	19.9	MPa	ASTM D638
Tensile Elongation (Break)	40	%	ASTM D638
Flexural Modulus	1650	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	190	J/m	ASTM D256
Dart Drop Impact	> 22.6	J	Internal method
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	104	°C	ASTM D648

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Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China

