



Formosa Plastics®

Formolene ECO™
PP

FormoleneECO™ RP14405A

Homopolymer for Injection Molded Applications

FormoleneECO™ RP14405A is a 50% recycled content polypropylene homopolymer with fast cycle time and easy mold release. It has use in injection molded applications including appliances, closures and thin wall programs. It contains nucleation and antistat which provides excellent processability and good end use performance. It has increased mold release for good handling of components.

Typical Properties of this Commercial Grade

Property	Test Method	Typical Values	
		English	SI
Melt Flow Rate, I ₂ @ 230°C	ASTM D1238	40 g/10 min	40 g/10 min
Density	ASTM D1505	0.9 g/cm ³	0.9 g/cm ³
Tensile Strength at Break (50 mm/min)	ASTM D638	5,400 psi	37 MPa
Elongation at Break (50 mm/min)	ASTM D638	7 %	7 %
Flexural Modulus (1.3 mm/min), 1% Secant	ASTM D790	245,000 psi	1685 MPa
Rockwell Hardness	ASTM D785	105 R Scale	105 R
Notched Izod Impact Strength @ 73°F	ASTM D256A	0.4 ft-lb/in	22 J/m

Note: Specimens were injection molded according to the conditions specified in ASTM D4101. Data for representative purposes only; not to be construed as product specification. Published 04/24

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