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COSMOPLENE® W101E

CHARACTERISTICS

COSMOPLENE W101E is high stiffness and tensile strength Polypropylene Homopolymer.

APPLICATIONS

COSMOPLENE W101E is specially designed as medium flow, high toughness grade for injection products such as commodity items, houseware which require higher mechanical strength.

PHYSICAL PROPERTIES

ITEM	UNIT	W101E	TEST METHOD
Melt Flow Rate	g/10 mins	8	ASTM D1238
Density	g/cm^3	0.9	ASTM D792
Melting Point	°C	164	TPC METHOD
Ultimate Strength	MPa	37	ASTM D638
Elongation	%	>800	ASTM D638
Flexural Modulus	MPa	1,300	ASTM D790
Izod Impact (23°C)	KJ/m^2	3	ASTM D256

PROCESSING CONDITIONS

Injection Temperature	:	220 - 260°C
Injection Pressure (G)	:	70 kg/cm^2
Mold Temperature	:	40 - 50°C

- The figures presented are typical laboratory averages, only for reference.
- The information is based on our current knowledge, is subjected to continuous updates and is intended to suggest/ recommend product applications and to provide typical data on the related properties. It should not therefore be construed as guaranteeing any specific property of the product. TPC makes no warranty of any kind, expressed or implied, regarding the accuracy of these data.

Responsible Care®
OUR COMMITMENT TO SUSTAINABILITY

CERTIFICATE SG99/16071 CERTIFICATE SG05/00847

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COSMOPLENE® POLYPROPYLENE | COSMOTHENE® LOW DENSITY POLYETHYLENE | COSMOTHENE® EVA ETHYLENE VINYL ACETATE COPOLYMER

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