



PolymerTechnologiesInc.com



TPO AU-300

Product Technical Data Sheet

Categories: Polymer, Thermoplastic, Elastomer, Thermoplastic Elastomer(TPO)

Product Information: A mineral filled , high melt, UV stabilized thermoplastic elastomer with excellent balance of stiffness and impact resistance with ease of processing.

Appearance: Black

Form: Pellets

Applications: Bumpers, exterior, body side molding

Processing Method: Injection Molding

PROPERTY	UNITS	TYPICAL VALUE	TEST METHOD
PHYSICAL			
Density	g/cc	1.04	D 792
Melt Flow Rate	g/10 min.	20	D 1238 230 C/2.16 kg
Ash Content	%	20	D5630
MECHANICAL			
Tensile Strength	PSI	3000	D 638
Flex Modulus	KSI	290	D 790
Izod, Impact, notched 70 F	Ft-lb/in	10	D 256
Izod, Impact, notched -30 C	Ft-lb/in	1.5	D 256
Gardner Impact 23 C	In-lb	160(18)	D2240
THERMAL			
HDT at 66 PSI	Deg F	225	D 648
HDT at 264 PSI	Deg F	130	D 648

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