



## INEOS PP T00G-00

### INEOS Olefins & Polymers USA - Compounded Polypropylene

Tuesday, November 5, 2019

#### General Information

##### Product Description

T00G-00 is a fractional melt flow TPO designed for the roofing membrane market. Its blend of impact resistance and flexural modulus is designed to provide an excellent balance between processing and performance. Typical applications include roofing membranes, geomembranes, mats, and applications that require flexibility and strength. T00G-00 meets FDA requirements of 21 CFR 177.1520.

##### General

Material Status	• Commercial: Active
Availability	• North America
Features	• Food Contact Acceptable • Good Flexibility • Good Strength
Uses	• Geo Membranes • Membranes
Agency Ratings	• EC 1907/2006 (REACH) • FDA 21 CFR 177.1520
RoHS Compliance	• Contact Manufacturer
Forms	• Pellets
Processing Method	• Extrusion

#### ASTM & ISO Properties <sup>1</sup>

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	0.873		ASTM D792
Melt Mass-Flow Rate (230°C/2.16 kg)	0.60	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength <sup>2</sup> (Yield)	1230	psi	ASTM D638
Tensile Strength <sup>2</sup> (Break)	1560	psi	ASTM D638
Tensile Elongation <sup>2</sup> (Yield)	38	%	ASTM D638
Tensile Elongation <sup>2</sup> (Break)	620	%	ASTM D638
Flexural Modulus - 1% Secant	25000	psi	ASTM D790A
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact			ASTM D256
-4°F	14	ft-lb/in	
73°F	8.1	ft-lb/in	
Notched Izod Impact (Area)			ASTM D256
-4°F	33.8	ft-lb/in <sup>2</sup>	
73°F	20.2	ft-lb/in <sup>2</sup>	
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D)	52		ASTM D785
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (66 psi, Unannealed)	114	°F	ASTM D648

##### Notes

<sup>1</sup> Typical properties: these are not to be construed as specifications.

<sup>2</sup> 2.0 in/min