

### Applications

- Roofing Membranes
- Membranes
- Mats
- Geomembranes
- Applications that require flexibility and strength

### Description

TPO 2871 is a fractional melt flow TPO designed for the roofing membrane market. It has a good blend of impact resistance and flexural modulus. This is designed to provide an excellent balance between processing and performance.

**FDA Status:** Meets FDA requirements of 21 CFR 177.152

Property	Value	Unit	ASTM Test
Melt Index (condition 230°C/2.16 kg)	2.0	g/10min	D 1238
Density	0.871	g/cc	D 792
Tensile Strength at Yield	1226	psi	D 638
Tensile Strength at Break	1561	psi	D 638
Elongation at Yield	37.7	%	D 638
Elongation at Break	616	%	D 638
Flexural Modulus, 1% Secant	25000	psi	D 790A
Notched Izod Impact Strength @ 23°C	8.1	ft-lbf/in	D 256
Notched Izod Impact Strength @ -20°C	13.5	ft-lbf/in	D 256
Hardness Shore D	52		D 785
Deflection Temperature @ 66 psi	114	°F	D 648

This information, to our knowledge, is believed to be correct. The use of this product in its actual conditions are beyond our control and satisfactory results for this product is the customer's sole responsibility. User must make their own decisions regarding its suitability for their equipment and final products.

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