

THERMORUN® TT860**Airbag cover resin**

PRODUCT BULLETIN

Description

THERMORUN® TT860 is a TPO resin specifically designed for painted airbag covers.

Key Attributes: Superior high and low temperature deployment performances, excellent processing characteristics, good stiffness and thermal stability

Typical Applications: Chute and Painted DAB, PAB, IKB, SiAB

Property	Unit	TT860B3/TT860N3	TT860B3Z/TT860N3Z	Test Method
		USA	China	
Density	g/cm ³	0.89	0.89	ISO 1183, Method A
Melt Flow Rate @ 230°C/21.2N	g/10 min	14	16	ISO 1133
Hardness (shore D)	-	40	39	ISO868 (with a 15 sec.dwell)
Flexural Modulus	MPa	400	400	ISO 178
Tensile Strength at Break	MPa	11	11	ISO 37 Type 1A, 500 mm/min
Elongation at Break	%	750	700	ISO 37 Type 1A, 500 mm/min
Izod Impact strength [-40 °C]	KJ/m ²	82(P) *	80(P) *	ISO 180
Shrink Factor (MCC method)	1/1000	4-6	3-6	Recommended value, depending on part design, gate position and processing

These values above are all typical measurement data, not specifications.

* P stands for partial break