

ESPOLEX®

THERMOPLASTIC ELASTOMER

4832

Nominal Physical Properties ⁽¹⁾	ASTM Test Method	Unit	4832
Density	D1505 (JIS K7112)	kg/m ³	880
Melt Flow, Condition 230°C/10Kg	D1238 (JIS K7210)	g/10min	13
Surface Hardness	ASTM D2240	Shore A	80
Tensile Strength	JIS K6301		
100% Modulus	No. 3 Dumbbell	MPa	3.0
Breaking Strength	Testing speed	MPa	11
Elongation at Break	200mm/min	%	710
Yellow Index	ASTM D1925		15
Thermal Property			
Brittleness Temperature	ASTM D746	C	<-60
Fogging	ISO 5452 (100 C, 20hr, Gloss)	%	>80

Suggested Applications:

- TPO Sheet
- Instrument Panel Skin
- Door Trim Skins
- Head Liner
- Profile Extrusions

Note (1): The nominal properties reported herein are typical of the product but do not reflect normal testing variance and therefore should not be used for specification purposes.

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