

ESPOLEX®

THERMOPLASTIC ELASTOMER

461A

Nominal Physical Properties ⁽¹⁾	ASTM Test Method	Unit	461A
Density	D1505 (JIS K7112)	kg/m ³	880
Melt Flow, Condition 230°C/2.16Kg	D1238 (JIS K7210)	g/10min	8.0
Modulus	D790	MPa	412
Yield Strength	ASTM D412	MPa	11.1
Tensile Strength	500mm/min	MPa	11.2
Tensile Elongation	(Tensile) Dumbbell Die "C"	%	450
Izod Impact Strength			
At -40°C	D256	J/m	No Break
At -45°C		J/m	No Break
Brittle temp	ASTM D746	°C	<-60
Flame Resistance	FMVSS 302	Mm/min	Pass (34)

Suggested Applications:

- Air Bag Cover
- MIC Applications
- Automotive Interiors
- Low Temperature Ductility
- Injection Molded Parts

Note: 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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