

# Alpha TPR AG NP006R NATURAL

Styrenic Thermoplastic Elastomer

AlphaGary

Message:

STYRENIC BASED THERMOPLASTIC ELASTOMER INTENDED FOR MEMBRANE HORN, FLOATING HORN, AND DRIVER SIDE AIRBAG COVER. THIS COMPOUND HAS EXCELLENT PROCESSABILITY, FLEXIBILITY, DURABILITY, AND LOW TEMPERATURE PROPERTY.

General Information			
Features	Durable		
	Good Flexibility		
	Good Processability		
Uses	Automotive Applications		
RoHS Compliance	Contact Manufacturer		
Appearance	Natural Color		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.878 to 0.918	g/cm <sup>3</sup>	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	7.0	g/10 min	ASTM D1238
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness			ASTM D2240
Shore D	37 to 43		
Shore D, 5 sec	30 to 36		
Mechanical	Nominal Value	Unit	Test Method
Flexural Modulus (1.91 mm)	140	MPa	ASTM D790
Elastomers	Nominal Value	Unit	Test Method
Tensile Strength (1.91 mm)	9.24	MPa	ASTM D412
Tensile Elongation (Break, 1.91 mm)	630	%	ASTM D412
Tear Strength (1.91 mm)	53.9	kN/m	ASTM D624
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	-55.0	°C	ASTM D746

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