

TECHNO ABS AX90

Acrylonitrile Butadiene Styrene

Techno Polymer America, Inc.

Message:

Satisfying the requirement for exterior automobile parts: ductile in collision, soft like Polyolefin or Urethane
Better mold-ability and paint-ability than Polyolefin or Urethane
Fewer sink defects, warp defects, and painting defects than Polyolefin or Urethane for lower throughput cost
The best soft material for exterior automobile parts to meet the higher safety standard in the near future

General Information			
Features	Good Moldability		
	Paintable		
	Soft		
Uses	Automotive Exterior Parts		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Melt Mass-Flow Rate (MFR) (220°C/10.0 kg)	10	g/10 min	ISO 1133
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	89		ISO 2039-2
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield)	40.0	MPa	ISO 527-2
Flexural Modulus	1770	MPa	ISO 178
Flexural Stress	58.0	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength	26	kJ/m²	ISO 179
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (0.45 MPa, Unannealed)	79.0	°C	ISO 75-2/B

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