

TECHNO ABS 830

Acrylonitrile Butadiene Styrene

Techno Polymer Co, Ltd.

Message:

Designed for sharp and durable white images on parts with laser marking system
Lower throughput cost for producers than other marking systems such as tampon printing, silkscreen printing, and double molding

General Information			
Features	Laser marking		
	General		
Uses	Car interior parts		
Forms	Particle		
Physical	Nominal Value	Unit	Test Method
Melt Mass-Flow Rate (MFR) (220°C/10.0 kg)	28	g/10 min	ISO 1133
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	113		ISO 2039-2
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield)	52.0	MPa	ISO 527-2
Flexural Modulus	2310	MPa	ISO 178
Flexural Stress	82.0	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength	9.0	kJ/m²	ISO 179
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (0.45 MPa, Unannealed)	76.0	°C	ISO 75-2/B

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