

API II ABS 940

Acrylonitrile Butadiene Styrene

API II, Inc.

Message:

Product Description:

API II ABS 940 is a general purpose injection molding grade with high gloss and impact resistance and good heat deflection.

General Information			
Features	Highlight		
	Impact resistance, good		
	General		
Uses	General		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.04	g/cm ³	ASTM D892
Melt Mass-Flow Rate (MFR)			ASTM D1238
200°C/5.0 kg	1.5	g/10 min	ASTM D1238
230°C/3.8 kg	4.8	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	2310	MPa	ASTM D638
Tensile Strength (Yield)	43.4	MPa	ASTM D638
Flexural Modulus	2280	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C, 3.18 mm)	300	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Annealed)	98.3	°C	ASTM D648
Vicat Softening Temperature	95.6	°C	ASTM D1525

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