

Absolac® 120

Acrylonitrile Butadiene Styrene
INEOS Styrolution Group GmbH

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Technical Data

Product Description

Absolac® 120 is a high impact, medium flow grade

FEATURES

- High impact grade
- Medium flow

APPLICATIONS

- Typewriters
- Vacuum Cleaners
- Automotive parts
- Mirror housings
- Toys

General

Material Status	• Commercial: Active
Literature ¹	• Technical Datasheet (English)
Search for UL Yellow Card	• INEOS Styrolution Group GmbH
Availability	• Asia Pacific
Features	• High Impact Resistance • Medium Flow
Uses	• Automotive Applications • Housings • Toys
Forms	• Pellets

Physical	Nominal Value (English)	Nominal Value (SI)	Test Method
Melt Mass-Flow Rate (MFR) (220°C/10.0 kg)	> 18 g/10 min	> 18 g/10 min	ISO 1133
Mechanical	Nominal Value (English)	Nominal Value (SI)	Test Method
Tensile Stress (Yield, 73°F (23°C))	72500 psi	500 MPa	ISO 527-2
Impact	Nominal Value (English)	Nominal Value (SI)	
Notched Izod Impact ³ 73°F (23°C), 0.25 in (6.35 mm)	> 20.0	> 20.0	
Thermal	Nominal Value (English)	Nominal Value (SI)	Test Method
Vicat Softening Temperature	207 °F	97.0 °C	ASTM D1525 ⁴
Optical	Nominal Value (English)	Nominal Value (SI)	Test Method
Gardner Gloss (60°)	98	98	ASTM D523

Notes

¹ These links provide you with access to supplier literature. We work hard to keep them up to date; however you may find the most current literature from the supplier.

² Typical properties: these are not to be construed as specifications.

³ 0.01 in Notch Radius

⁴ Rate B (120°C/h), Loading 2 (50 N)

