INEOS STYROLUTION

Absolac 120

Acrylonitrile Butadiene Styrene (ABS)

TECHNICAL DATASHEET

DESCRIPTION

Absolac® 120 is a high impact, medium flow grade

FEATURES

- High impact grade
- Medium flow

APPLICATIONS

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

Property, Test Condition	Standard	Unit	Values
Rheological Properties			
Melt Flow Rate, 220 °C/10 kg	ISO 1133	g/10 min	>18
Mechanical Properties			
Izod Notched Impact Strength, 1/4” bar, 0.010” Notch Radius, 23°C (73°F)			> 20
Tensile Stress at Yield, 23° C	ISO 527	MPa	500
Thermal Properties			
Vicat Softening Temperature, B/2 (120°C/h, 50N)	ASTM D 1525	°C	97
Optical Properties			
Specular Gloss, 60°	ASTM D 523	%	+98

Typical values for uncolored products

SUPPLY FORM

Absolac is delivered in the form of cylindrical pellets. Standard Packaging unit: 25 kg with HDPE laminate paper bag with HMHDPE liner . In dry areas with normal temperature control, Absolac can be stored for relatively long periods of time without any change in mechanical properties. With unstable colors, however, storage over a number of years can give rise to some change in color. Under poor storage conditions, Absolac absorbs moisture, but this can be removed by drying.

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PRODUCT SAFETY

Under the recommended processing conditions small quantities of decomposition product may be given off during processing. To preclude any risk to the health and well-being of the machine operatives, tolerance limits for the work environment must be ensured by the provision of efficient exhaust ventilation and fresh air at the workplace in accordance with the Safety Data Sheet. In order to prevent the partial decomposition of the polymer and the generation of volatile decomposition products, the prescribed processing temperatures should not be substantially exceeded. Since excessively high temperatures are generally the result of operator error or defects in the heating system, special care and controls are essential in these areas.

DISCLAIMER

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