

Absolac 700

Acrylonitrile Butadiene Styrene (ABS)

TECHNICAL DATASHEET

DESCRIPTION

Absolac® 700 is a very high gloss grade

FEATURES

- Very High Gloss

APPLICATIONS

- Stationery goods
- Pens
- Toys
- Novelty Items
- Washing Machines

Property, Test Condition	Standard	Unit	Values
Rheological Properties			
Melt Flow Rate, 220 °C/10 kg	ISO 1133	g/10 min	>25
Mechanical Properties			
Izod Notched Impact Strength, 1/4" bar, 0.010" Notch Radius, 23°C (73°F)			> 13
Tensile Stress at Yield, 23° C	ISO 527	MPa	450
Thermal Properties			
Vicat Softening Temperature, B/2 (120°C/h, 50N)	ASTM D 1525	°C	98
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.

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

The above information is provided in good faith. INEOS Styrolution is not responsible for any processing or compounding which may occur to product finished articles, packaging materials or their components. Further, INEOS Styrolution **MAKES NO WARRANTY OR REPRESENTATION OF ANY KIND, REGARDING THE INFORMATION GIVEN OR THE PRODUCTS DESCRIBED, AND EXPRESSLY DISCLAIMS ALL IMPLIED WARRANTIES, REPRESENTATIONS AND CONDITIONS, INCLUDING WITHOUT LIMITATION ALL WARRANTIES AND CONDITIONS OF QUALITY, MERCHANTABILITY AND SUITABILITY OR FITNESS FOR A PARTICULAR PURPOSE.** Responsibility for use, storage, handling and disposal of the products described herein is that of the purchaser or end user.
