

ELIX 250G

Soft Flow SAN copolymer. Used as base resin in color concentrates. Can be blended with High Rubber Modifiers (ELIXTM 100 series) to manufacture or modify properties profile of ABS resin and blends containing Polycarbonate.

Major Benefits

Improved flow ability for ABS grades. Excellent balance of mechanical properties, process ability and aesthetics. Easy dispersion for pigments & colorants.

Chemical composition

Styrene-Acrylonitrile Copolymer.

Processing Information

Transparent to slightly yellow pellets

Typical properties*

Property	Test Condition	Standard	Unit	Value
			SI Metrics	
Typical properties				
Acrylonitrile content		Lab-IR	%	23,0-24,5
Residual styrene		Lab-GC	ppm	< 800
Melt Volume Flow Rate	220 °C; 10 kg	ISO 1133	cm³/(10 min)	35-45
Base color	20% solution in DMF	DIN 6271		< 70

*Control measurements in other places may issue different results due to influences of machinery, equipment, test method or storage conditions.

Disclaimer for sales products

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Test values

Unless specified to the contrary, the values given have been established on standardised test specimens at room temperature. The figures should be regarded as guide values only and not as binding minimum values. Kindly note that, under certain conditions, the properties can be affected to a considerable extent by the design of the mould/die, the processing conditions and the colouring.

Processing note

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.

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