ELIX™ 280 G

High Molecular Weight SAN copolymer

Typical applications

. Used to improve dimensional and thermal stability in PVC extruded applications.
. Can be blended with High Rubber Modifiers (ELIX™ 100 series) to manufacture or modify properties profile of ABS resin.
. Used as Intermediate for polymer blends.

Major benefits

. Improves melt strength and melt stability in PVC compositions and ABS resin.
. Allows superior dynamic loading performance for ABS resin.

Chemical composition

Styrene-Acrylonitrile Copolymer.

Physical form

Transparent to slightly yellow pellets.

Handling information

Please see the Material Safety Data Sheet for relevant health & safety information.

Typical properties

Acrylonitrile content : 23,0 -24,5 %	***TAR Lab (internal) – IR***
Residual Styrene : max. 750 ppm	***TAR Lab (internal) – GC***
MVR [220ºC-10kg] : 30 -35 cm^3/10'	***ISO 1133***
Base color : Max. 80	***DIN 6271 (20% solution in DMF)***

Note : 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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