

PARACRYL 490 HM / PVC Foaming Regulator cum Processing Aid

DESCRIPTION

PARACRYL 490 HM is a "Very High Molecular Weight" (VHMW) acrylic co-polymeric PVC foaming regulator cum processing aid. Its molecular weight (IV 9,5 - 10,5) is optimized for achieving low density and efficient processability of cellular vinyl products by increasing inter-particle friction by breakdown of vinyl grain. It has multiple benefits: (1) reduced foam density, (2) improved surface finish and (3) cell uniformity. Due to its superior melt strength, it is ideal for foamed profiles, core pipes by generating outstanding profile shape with improved filling. It allows process optimization such as increased line speeds.

GENERAL BENEFITS

- Reduced foam density, improved surface quality and very fine cell structure
- Improves the quality and process-ability of cellular vinyl products
- Improves filler dispersion in high filler content PVC applications
- Provides very high melt strength combined with optimum PVC fusion promotion effect
- Prevents bubble coalescing for even foaming
- Effective in free foam, inward-foaming / co-extrusion process

TYPICAL APPLICATIONS

- PVC foamed profiles
- PVC foamed cored pipes
- PVC foamed sheets

PHYSICAL PROPERTIES

Chemical Description	: Acrylic copolymer
Physical Form	: White free-flowing powder
Bulk Density (g/cm³)	: 0.47 – 0.53
Volatile content (wt %)	: < 1 %
Sieve Analysis	: 20 mesh/850 μm (on %) - nil : 325 mesh/45 μm (pass %) - 2.31% : 450 mesh/32 μm (pass%) - 0.35%
Molecular Weight	: Very high molecular weight (IV 9.5 - 10.5)

QUALITY CONTROL

HARYANA's products are based on intensive research, emphasizes on quality management, safety and environmental responsibilities, supported by ISO certificates.

ISO 9001:2015 for "Quality Management System"

ISO14001 : 2015 for "Environmental Management System"

STORAGE AND HANDLING

Keep away from hot sunlight and rain, avoid contact with moisture. Store under the shade and dry environment. Please consult the MSDS before handling and for additional information.

PACKAGING

PARACRYL 490 HM is supplied in 20 kg HDPE bag.

SHELF LIFE

Based on the conditions for storage, as mentioned above and in MSDS, it can be used within 24 months from packing date.

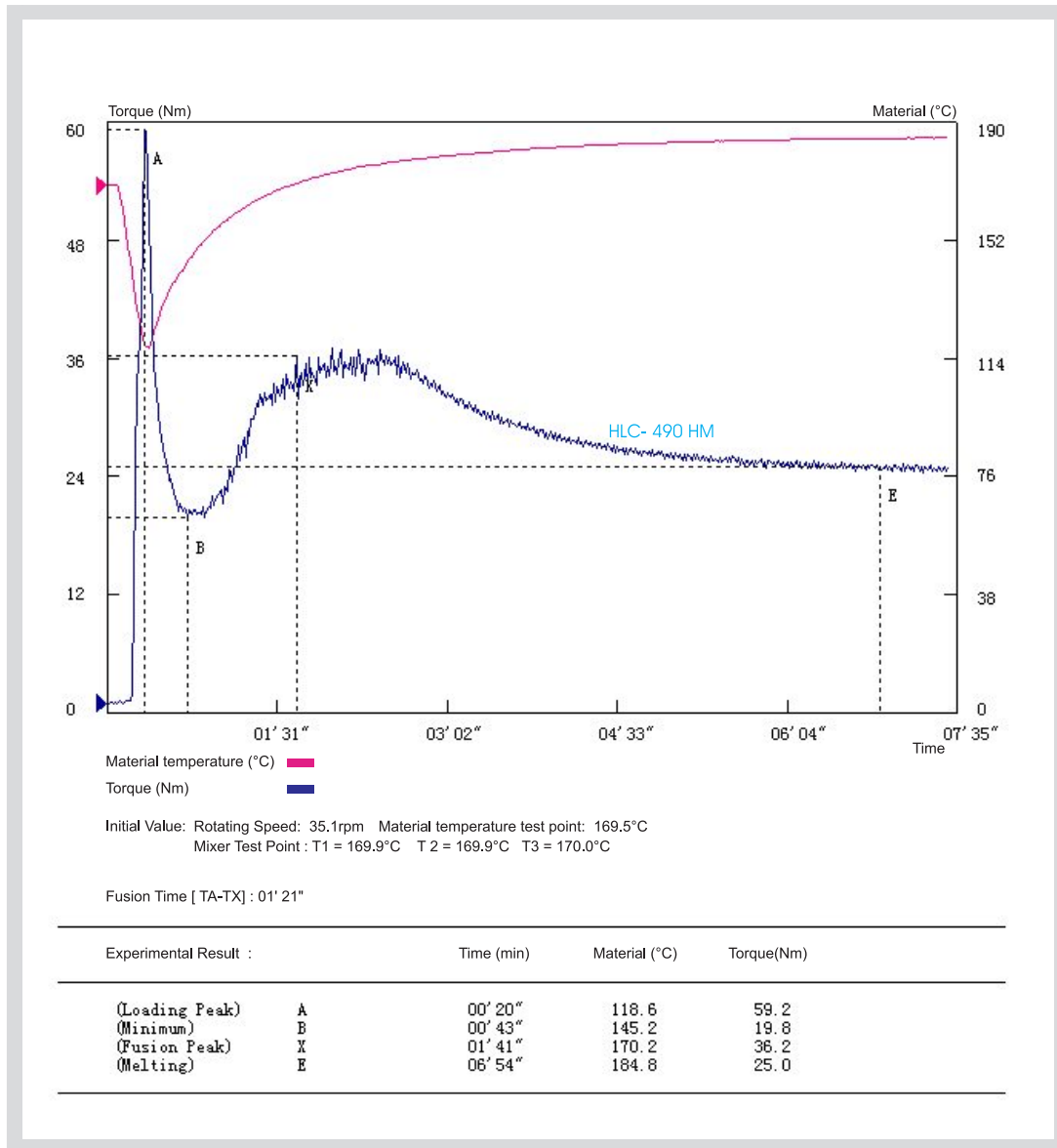
REGULATORY INFORMATION

All regulations in the countries where our products are to be used must be observed. HARYANA will assume no responsibility for any consequences arising from failure to observe these regulations.

HARMONIZED TARIFF CODE

39069020

Torque Rheometry of PARACRYL 490 HM



CONTACT FOR ADDITIONAL INFORMATION

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Plastics is not a villain
Modern living can not escape the touch of plastics
PVC window profiles, foam boards save trees.
Innovations in plastics are helping to change lives.

Disclaimer : The data is based on our own assessment and experience and is only for guidance. This does not relieve the buyer from testing the products in their own set-up for determining the suitability for their purpose. Results may vary according to the local conditions & other products.