

PARACRYL 912 UH / PVC Foaming Regulator cum Processing Aid

DESCRIPTION

Best in its class, PARACRYL 912 UH is an "Ultra High Molecular Weight" (UHMW) multi layered co-polymeric processing aid with an unmatched molecular weight index (IV 11 - 12) achieved due to very low temp curing to lengthen the polymer chains. Specially designed for thicker cross sections, to ensure that deep core area of any cross section has no flaws and cell structure is uniform. The resultant product has: (1) much lower density (2) excellent surface quality, (3) cell uniformity, (4) improved impact strength while maintaining melt homogeneity. It not only increases inter-particle friction for accelerated fusion process, but also traps evolving gas and prevents bubbles from coalescing.

GENERAL BENEFITS

- Provides ultra-high melt strength combined with excellent foam density
- Excellent rheological behavior for high quality foam formulations
- Provides exceptional foaming efficiency allowing dosage reduction
- Allows higher screw speed without exceeding extruder's torque limits
- Increases inter-particle friction for accelerated fusion process
- Improves flow-ability and enhances the surface gloss
- Gives products a higher hardness

TYPICAL APPLICATIONS

- Wider and thicker foam sheets & boards
- Celuka profiles & Foam-core pipes
- WPC applications
- Reinforced composites

PHYSICAL PROPERTIES

Chemical Description	: Acrylic copolymer
Physical Form	: White free-flowing powder
Bulk Density (g/cm³)	: 0.46 – 0.52
Volatile content (wt %)	: < 1 %
Sieve Analysis	: 20 mesh/850 μm (on %) - nil : 325 mesh/45 μm (pass %) - 2.08% : 450 mesh/32 μm (pass%) - 0.33%
Molecular Weight	: Ultra high molecular weight (IV 11 – 12)

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 shade and dry environment. Please consult the MSDS before handling and for additional information.

PACKAGING

PARACRYL 912 UH 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 with in 24 months from packing date.

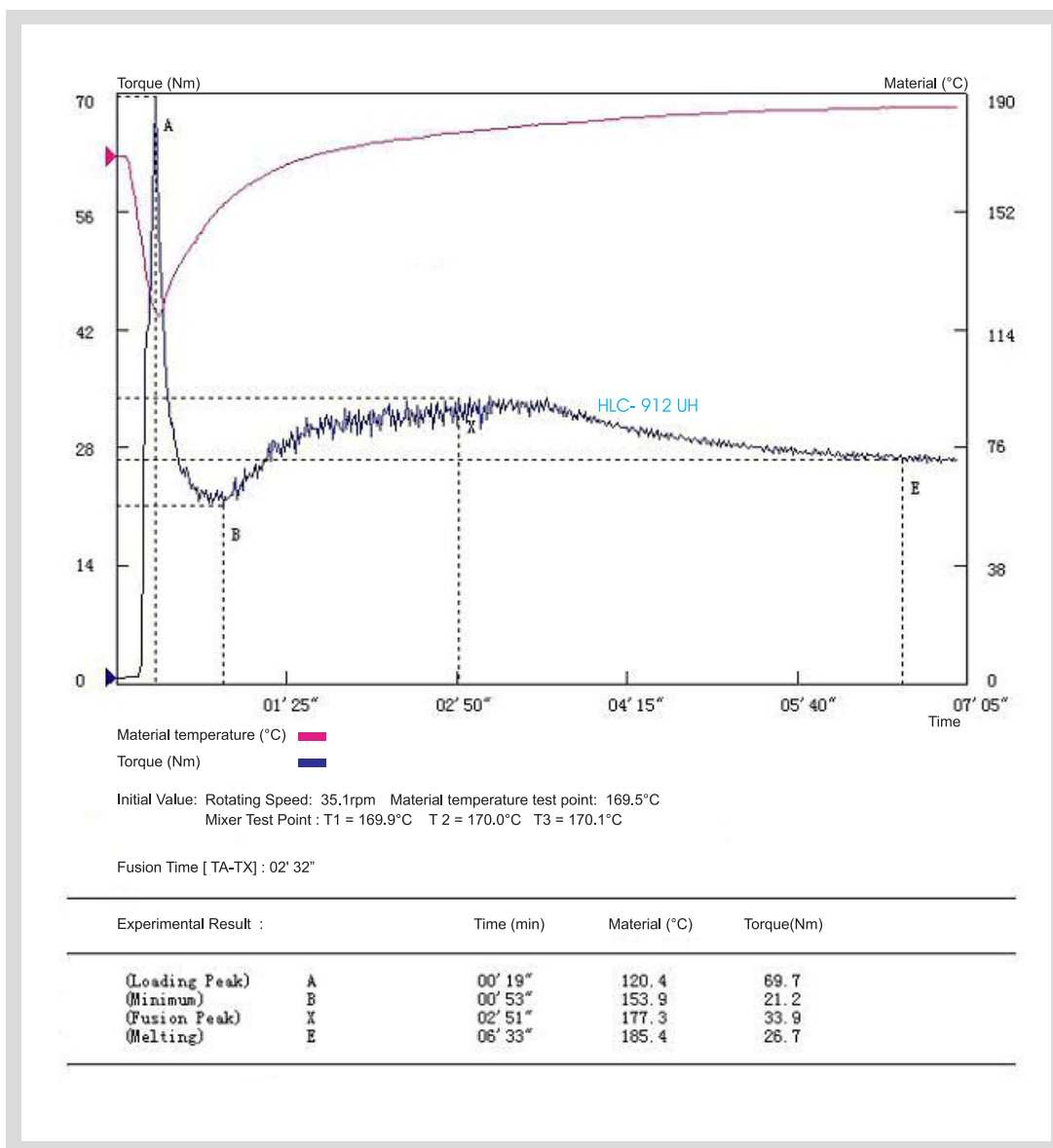
REGULATORY INFORMATION

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 912 UH



CONTACT FOR ADDITIONAL INFORMATION

HARYANA LEATHER CHEMICALS LTD.
Phone : +91 – 124 2739000 / 7827952522
Email : info@leatherchem.com
Website : www.haryanapvc.com



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.