

PARACRYL 120 TRF / Acrylic Processing Aid

DESCRIPTION

The polymer composition of PARACRYL 120 TRF is designed to achieve a "lower molecular weight" (IV 2.3 - 2.5) as compared to 120 DF, which allows user more control on fusion and melt flow properties across a wide range of vinyl products. Besides its optimum use as a general purpose processing aid, its lower molecular weight ensures ripple free finishes particularly in transparent films –rigid or flexible. The processor can achieve better control on optical properties, fusion time, strength and yield of the end product. It can be safely blended with 120 DF for further optimization of melt flow behavior. Its proven weatherability makes it an ideal choice for window profiles and building products that need tough weather endurance standards.

GENERAL BENEFITS

- Moderation of melt flow with other medium/ high viscosity processing aids
- Ensures ripple free finishes particularly in transparent films
- Better control on fusion and melt flow properties
- Reduces extrusion interruptions and breakdowns
- Does not impair tensile properties and impact strength
- Promotes melt strength and yields improved edge formation
- Helps to achieve better control on optical properties

TYPICAL APPLICATIONS

- Rigid transparent PVC films
- Window profiles, sidings
- Calendered sheets and blow moulded bottles
- Pipes, fittings, profiles
- Auto parts and trims

PHYSICAL PROPERTIES

Chemical Description	: Acrylic copolymer
Physical Form	: White free-flowing powder
Bulk Density (g/cm³)	: 0.42 – 0.47
Volatile content (wt %)	: < 1 %
Sieve Analysis	: 20 mesh/850 μm (on %) - nil : 325 mesh/45 μm (pass %) - 0.89% : 450 mesh/32 μm (pass%) - 0.1%
Molecular Weight	: Lower molecular weight (IV 2.3 – 2.5)

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"

ISO 14001: 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 120 TRF 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.

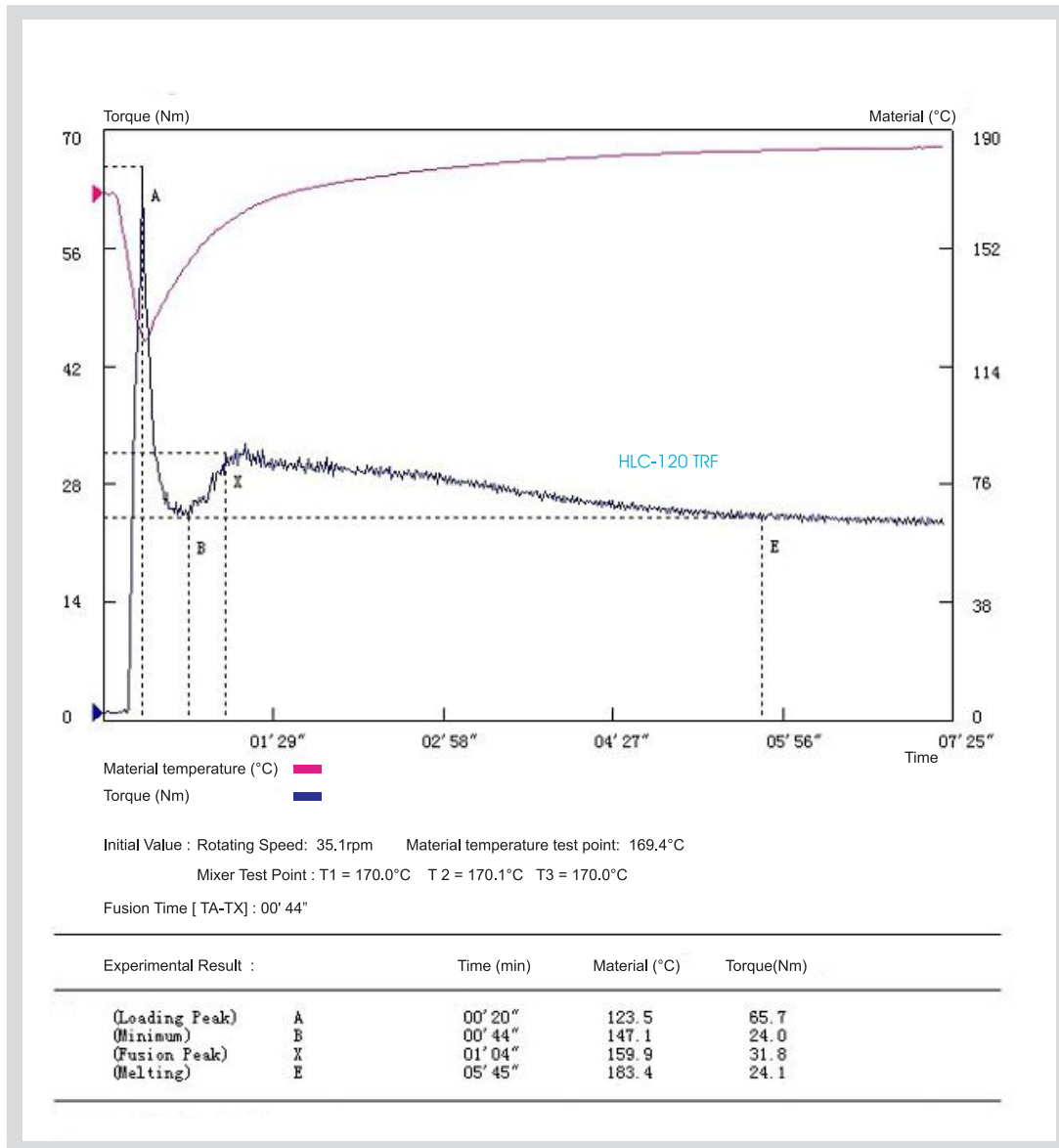
REGULATORY INFORMATION

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 120 TRF



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.