

PARACRYL 175 TP/RF / Lubricating Acrylic Processing Aid

DESCRIPTION

PARACRYL 175 TP/RF is a highly versatile, lubricating agent cum processing aid that works across all segments of vinyl products –from rigid to flexible and from transparent to opaque products. Its “Low-Medium Molecular Weight” (IV - 2.2 -2.4) structure is optimized for to improve hot metal release and melt flow for difficult to handle transparent films with no adverse effect on thermal stability and tensile properties. It promotes melt homogeneity, significantly enhances transparency and optical properties resulting in faster take-off and improved surface finish across a wide range of applications.

GENERAL BENEFITS

- Dual action -external lubricant cum processing aid especially for transparent Vinyl product
- Reduces metal sticking , reduces ripples and improves plate-out properties
- Promotes better transparency and melt homogeneity
- Offers outstanding efficiency in improving the processing characteristic
- Significantly improves melt strength, faster fusion, better edge formation
- Results in reduced surging, less melt fracture and faster take-off

TYPICAL APPLICATIONS

- Transparent calendered sheets, extruded films
- Blow moulded containers
- Extruded profiles, pipes, fittings
- Injection moulded parts

PHYSICAL PROPERTIES

Chemical Description	: Acrylic copolymer
Physical Form	: White free-flowing powder
Bulk Density (g/cm³)	: 0.42 – 0.48
Volatile content (wt %)	: < 1 %
Sieve Analysis	: 20 mesh/850 μm (on %) - nil : 325 mesh/45 μm (pass %) - 0.75% : 450 mesh/32 μm (pass%) - 0.16%
Molecular Weight	: Low-medium molecular weight (IV 2.2 – 2.4)

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 175 TP/RF 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.

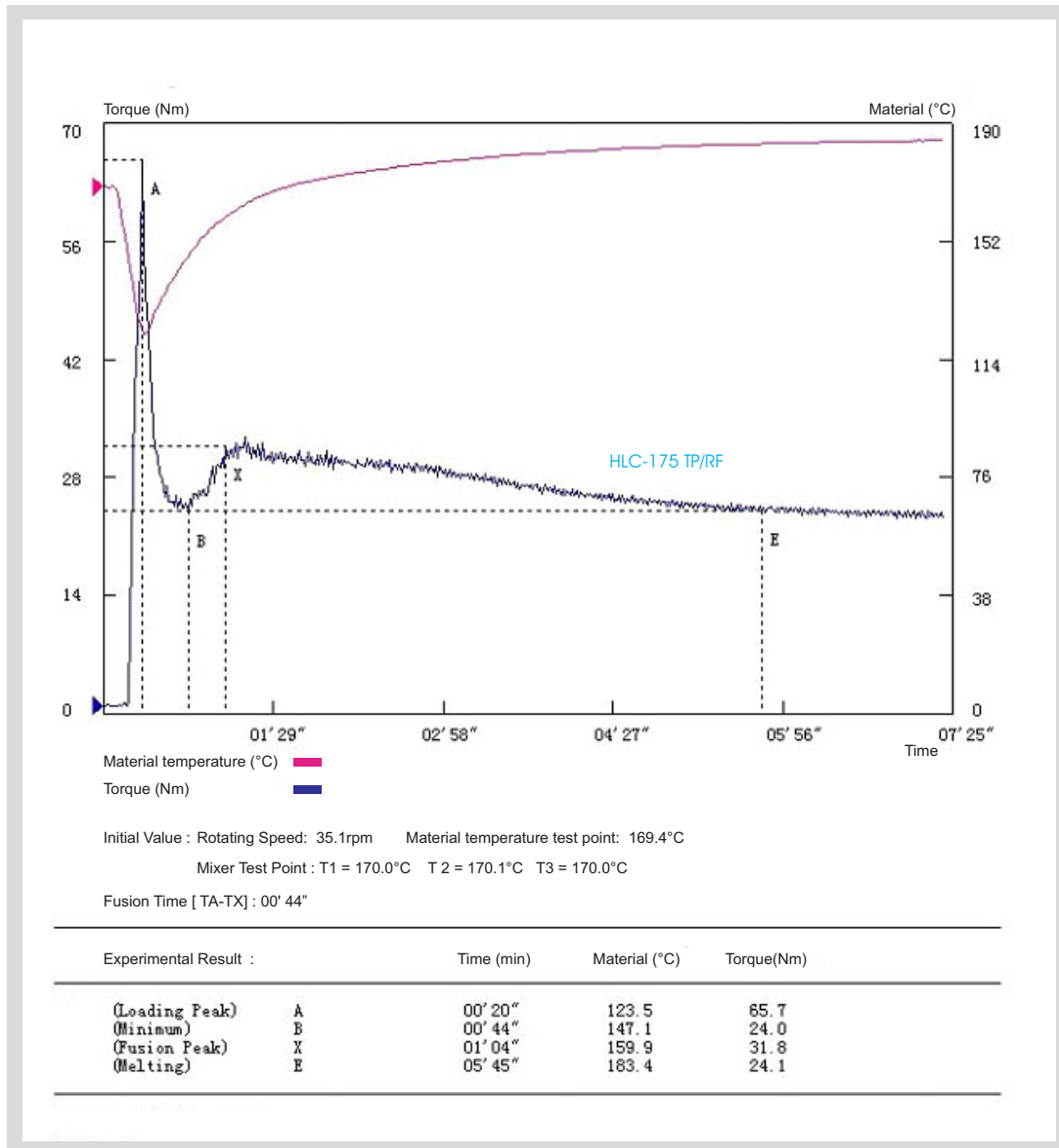
REGULATORY INFORMATION

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 175 TP/RF



CONTACT FOR ADDITIONAL INFORMATION

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Plastic is not a villain
PVC is recyclable
PVC foam boards save trees
PVC window profiles save trees

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.