

## PARACRYL 175 NA / Lubricating Acrylic Processing Aid

### DESCRIPTION

PARACRYL 175 NA is a lubricating acrylic processing aid for general purpose use to reduce PVC metal sticking and ensures excellent "Hot Metal Release Characteristics". Its low molecular weight polymer (IV 1.7 -1.9) provides the optimum "internal lubrication" and formulators can reduce the level of conventional external lubricants that usually retard fusion. Its function as processing aid will enhance melt homogeneity and is widely used in packaging applications, blow moulded containers, extruded profiles, injection moulded parts and also foamed sheets.

Caution: Paracryl 175 NA is not ideally suited for highly transparent applications and for that refer to Paracryl 175 TP/RF

### GENERAL BENEFITS

- Enhanced metal release without influence on fusion
- Even at very high temperatures, release is excellent
- Improved plate-out properties, thermal stability
- Improved surface finish
- Improved melt flow and thermal stability
- Compatible with other processing aids

### TYPICAL APPLICATIONS

- General purpose packaging applications
- Blow moulded containers, extruded profiles
- Injection moulded parts

### PHYSICAL PROPERTIES

<b>Chemical Description</b>	: Acrylic copolymer
<b>Physical Form</b>	: White free-flowing powder
<b>Bulk Density (g/cm<sup>3</sup>)</b>	: 0.47 – 0.53
<b>Volatile content (wt %)</b>	: < 1 %
<b>Sieve Analysis</b>	: 20 mesh/850 μm (on %) - nil : 325 mesh/45 μm (pass %) - 2.61% : 450 mesh/32 μm (pass%) - 0.48%
<b>Molecular Weight</b>	: Low-medium molecular weight (IV 1.7 – 1.9)

### 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 175 NA 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.

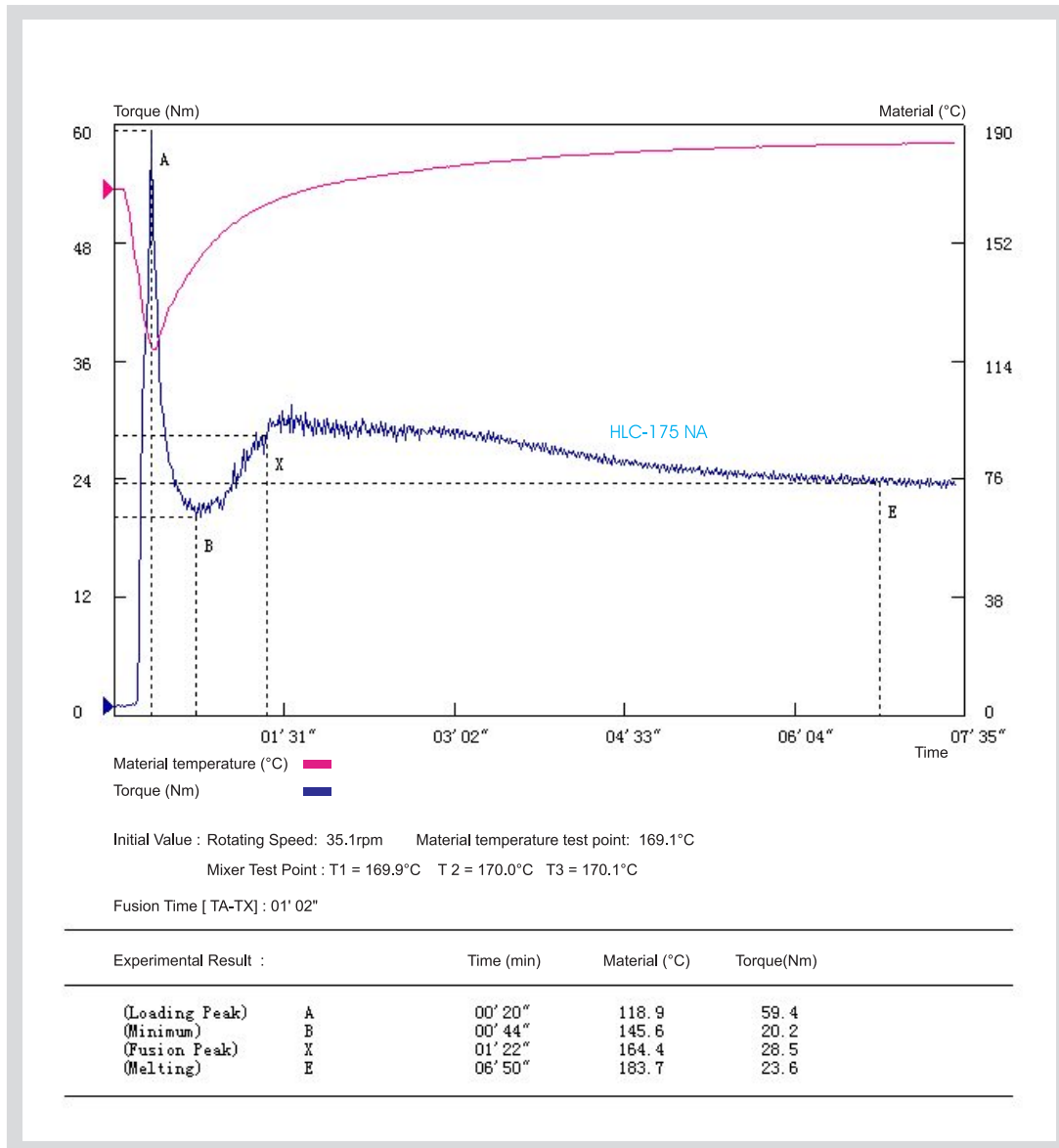
### REGULATORY INFORMATION

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 NA



**CONTACT FOR ADDITIONAL INFORMATION**

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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.