

PARACRYL 3055 IM / Acrylic Impact Modifier

DESCRIPTION

PARACRYL 3055 IM - Acrylic impact modifier (AIM) is based on a unique "Core - Shell" acrylic molecular composition that imparts excellent impact strength, proven weatherability, flawless surface finish and ease of processing to outdoor and highly durable Vinyl and C-PVC applications. It is optimised for use with lead, tin and mixed metal stabilizers and offers lower melt viscosity and faster fusion and low post extrusion shrinkage while producing weatherable building products.

GENERAL BENEFITS

- Superior impact performance
- Impact retention under various weather conditions
- Proven weatherability
- Board processing window w.r.t. Stabilizer
- High fusion promotion efficiency
- Low post extrusion shrinkage
- Provides flawless surface finish
- Promotes development of moderate gloss

TYPICAL APPLICATIONS

- PVC pipes & fittings, profiles
- Window frames, panels
- PVC sidings, fences

PHYSICAL PROPERTIES

| | |
|--|--|
| Chemical Description | : Acrylic Core-Shell structured polymer |
| 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 %) - 2.10% : 450 mesh/32 μm (pass%) - 0.70% |
| Impact Strength (kJ/m²) (Izod) | : 100 + |

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 3055 IM 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.

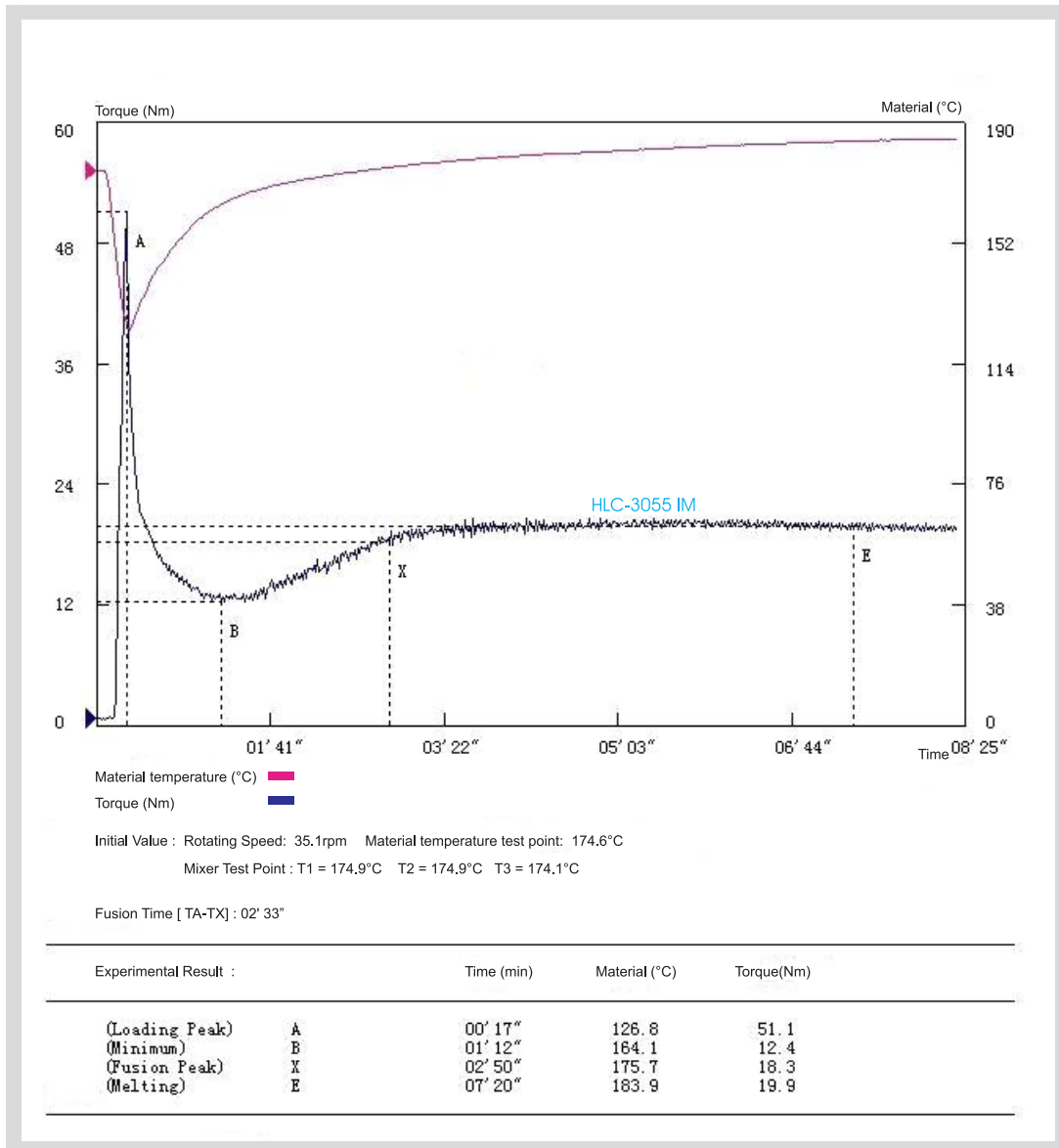
REGULATORY INFORMATION

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 3055 IM



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.