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TECHNICAL DATA SHEET

PA (FR)-405

PVC Processing Aid

PRODUCT DESCRIPTION

PA (FR)-405 is a new ultra high molecular weight acrylic processing aid for rigid PVC and high quality foam applications. It gives the following performance properties :

- Low Torque
- Faster fusion
- High melt Strength
- Expansion

Physicochemical Properties

PA (FR)- 405 is a white free flowing powder, bulk density : 0.40-0.55g/cm³, cannot be dissolved in water, ethanol, can be dissolved in chloroform and methyl ethyl ketone.

Index	PA(FR)-405
Appearance	White Free flowing Powder
Particle size 40 mesh (%)	≥ 98
Volatile (%)	≤ 1.5
Vicosity (η) (Ubbelohde Viscometer)	10.5-13.0

Benefits and Applications

- PA(FR)-405 improve processing window and enhance impact through faster fusion control for rigid PVC applications. Melt elasticity, melt strength and sizing can be improved through the use of PA(FR) -405.
- Its high foaming efficiency enables converters to meet the most demanding requirements in foam core pipes and foam profile formulation using lower addition levels.
- PA(FR)-405 is widely used in rigid PVC , such as window profiles, siding, fences, roofing sheets, pipes, fittings, injection-molded parts, wood plastic composite and foamed products.

Storage, Packing & Transportation

PA(FR)-405 Packed in 25kg woven bag or 500kg bulk bag. Avoid insolation, drench. Stored in cool and draughty place, shelf life : one year.