



Developmental TYR 2500E.00 Developmental Chlorinated Polyethylene

Overview

TYR 2500E.00 is a developmental chlorinated polyethylene (CPE) designed for use as an impact modifier for rigid polyvinyl chloride (PVC) formulations. TYR 2500E.00 is used for impact modification of PVC siding, pipes, window profiles and molded PVC articles. When compared to other CPE impact modifiers, TYR 2500E.00 exhibits faster fusion and increased melt strength. When compared to acrylic impact modifiers, TYR 2500E.00 enables extrusion at lower temperatures while maintaining equal or better impact properties.

Physical	Nominal Value (English)	Nominal Value (SI)	Test Method
Density	1.10 g/cm ³	1.10 g/cm ³	ISO 1183
Chlorine Content	25.0 wt%	25.0 wt%	ISO 1158
Thermal	Nominal Value (English)	Nominal Value (SI)	Test Method
Heat of Fusion	< 2.00 J/g	< 2.00 J/g	Dow Method
Fill Analysis	Nominal Value (English)	Nominal Value (SI)	Test Method
Melt Viscosity	2400 Pa·s	2400 Pa·s	ISO 11443
Additional Information	Nominal Value (English)	Nominal Value (SI)	Test Method
Volatiles	< 0.3 wt%	< 0.3 wt%	ISO 248

Notes

These are typical properties only and are not to be construed as specifications. Users should confirm results by their own tests.

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