



TYR 7100.00

Developmental Chlorinated Polyethylene

TYR 7100.00 is a high viscosity chlorinated polyethylene with low crystallinity. It is used for the impact modification of rigid PVC for profiles, sheet and pipes. It is available as a free-flowable powder and can be handled in bulk. A benefit of the resin is its impact strength.

Properties ⁽¹⁾		Metric
Typical Physical	Test Method	
Chlorine Content, %	ISO 1158/DIN 53474	36
Density, g/cm ³	ISO 1183/DIN 53479-A	1.15
Bulk Density, g/cm ³	Dow Method	0.40
Melt Viscosity, Pa.s	ISO/DIS 11443/DIN 54811-A	2400
Heat of Fusion, J/g	Dow Method	<2
Volatiles, %	ISO 248/DIN 53526	<0.3
Ash, %	ISO 247/DIN 53568-T1	<2
Average Particle Size, μm	ISO 2591-1/DIN 66165-T2	250
Stress at 100% strain ⁽²⁾ , MPa	ISO 37/DIN 53504	1.6

- (1) These are typical properties only and are not to be construed as specifications. Users should confirm results by their own tests.
- (2) Data refers to the following formulation:
 - TYRIN CPE Resin 100 parts
 - Calcium Stearate 2 phr
 - Stearic Acid 0.5 phr
 - Epoxidized Soya Oil 3 phr

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Published October 2007

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