

TYRIN™ 7100

Chlorinated Polyethylene Resin

The Dow Chemical Company

Message:

TYRIN™7100 is a kind of chlorinated polyethylene with high viscosity and low crystallinity. It is used for impact modification of hard PVC, applied to profiles, sheets and pipes. The product is supplied in the form of easy-to-flow powder and can be treated as bulk material.

General Information			
Forms	Powder		
Physical	Nominal Value	Unit	Test Method
Density	1.15	g/cm³	ISO 1183
Apparent Density	0.40	g/cm³	Internal method
Chlorine Content	36.0	wt%	ISO 1158
Oil Type (soybean oil)	3.0	phr	Internal method
Ash Content		%	ISO 247
Volatile Matter		%	ISO 248
Average Particle Size	250	µm	ISO 2591-1
Heat of Fusion		J/g	Internal method
Elastomers	Nominal Value	Unit	Test Method
Tensile Stress ¹ (100% Strain)	1.60	MPa	ISO 37
Fill Analysis	Nominal Value	Unit	Test Method
Melt Viscosity	2400	Pa·s	ISO 11443
Additional Information			
数据涉及以下配方: TYRIN CPE 树脂:100 个零件 硬脂酸钙:2 phr 硬脂酸:0.5 phr 环氧化豆油:3 phr			
NOTE			

1. Formula adopted

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Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China



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