

TPC PVC SM84E

Polyvinyl Chloride Homopolymer
Thai Plastics and Chemicals Public Company Limited

Message:
Polyvinyl Chloride Homopolymer having high molecular weight, suitable for Medical grade use, produced by Suspension Polymerization Process.

General Information	
Features	High Molecular Weight Homopolymer
Uses	Film Medical/Healthcare Applications Pump Parts Sheet Tubing
Processing Method	Calendering Extrusion Film Extrusion Injection Molding Sheet Extrusion

Physical	Nominal Value	Unit	Test Method
Apparent Density	0.42 to 0.52	g/cm ³	ISO 60
K-Value	83.0 to 85.0		DIN 53726
Sieve Analysis			ASTM D1921
-- 1	< 2.0	%	
-- 2	> 90	%	
Volatile Matter	< 0.30	%	ISO 1269
Elution Test	Passed		Internal Method
Fish Eye	< 10.0	point/150 cm ²	Internal Method
Impurities	< 20.0	specks/100 sq.	ISO R 1265
Residual Vinyl Chloride Monomer	< 1	ppm	ASTM D3749

NOTE	
1.	Retained on 250 micron
2.	Retained on 75 micron

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