



Formerly known as

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POLYISOBUTYLENE (PIB) TETRAX

Polyisobutylene is composed of Long-Chain Hydrocarbon formed by Polymerization of isobutene, and is extremely stable under normal conditions. It is transparent non-noxious High-Consistency semi-solid polymer free of impurities.

	Item	Units	Representative Values	Test Method
	Grade	-	TETRAX-5T	-
	Viscosity Average Molecular weight	MV	50,000	FCC (FDA) FCC method
	Density	15°Cg/cm ³	0.92	JIS K 2249
	Refractive Index	N ²⁰ /D	1.508	JIS C 2101
	Flash Point	COC °C	248	JIS K 2265
	Appearance	-	Transparent, with no foreign substances	JIS C 2101
	Loss by Evaporation 2mmHg X 230°C X 30min	mass%	0.0	NPCC method
	Pour Point	°C	97.5	JIS K 2269
Penetration	150g X 5 sec	at 25°C mm X 10	139	JIS K 2207
	100g X 5 sec		110	
Kinematic Viscosity	at 200°C	mm ² /s	30,500	JIS K 2283
	at 160°C		97,000	
	G P C	Mw	69,000	NPCC method
Electrical Properties	Power Factor	-	0.00001	JIS C 2101
	Volume Resistivity	-	50 X 10 ¹	
	Dielectric Constant	-	2.0	
	Chemical Substance Number	-	(6)-774	-
	CAS.NO.	-	9003-27-4	-