



**Polyisobutylene<sup>1</sup>**  
**All Grades of TPC Group's Polyisobutylene (PIB)**

	Units	Method	Enhanced PIB Grades					HR - PIB		
			175	1105	1160	1285	1350	545	595	5230
Molecular Weight	g/mol	Proprietary	750	1,050	1,600	2,850	3,500	450	1,000	2,300
Kinematic Viscosity	cSt @ 100°C	ASTM D445	86	220	647	3,121	4,090	15	208	1,615
	cSt @ 40°C	ASTM D445	1,721	5,600	19,809	80,106	107,277	105	5,079	51,045
Alpha Vinylidene	Wt%	Proprietary	-	-	-	-	-	>75	>80	>80
Flash Point	COC, °C	ASTM D92	>140	>185	>210	>210	>210	>130	>185	>210
Color	APHA	ASTM D1209	<70	<50	<50	<50	<50	<70	<50	<50
Pour Point	°C	ASTM D97	-18	-6	3	12	21	-39	-6	12
Evaporation Loss	Wt%	ASTM D972	1.80	0.53	0.24	0.10	<.1	6.6	0.53	0.10
Water	ppm	ASTM D1533	25	25	25	25	25	25	25	25
Acid Number	mg KOH/g	ASTM D974	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Total Chlorine	ppm	ASTM D4327	<1	<1	<1	<1	<1	<1	<1	<1
Total Sulfur	ppm	ASTM D2622	<1	<1	<1	<1	<1	<1	<1	<1
Dielectric Breakdown Voltage	KV	ASTM D877	50	50	50	50	50	50	50	50

<sup>1</sup>The supplemental data listed herein is subject to change without notice. The supplemental data is based on randomly selected samples of product and is believed to represent average values. However, TPC Group does not warrant that its products comply with the supplemental data.

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