



Takht-e-Jamshid Petrochemical Co.
Certificate of Analysis (COA)

Product name: TJPC SBR 1712

Quantity:

Lot No.: TJPC1400SB173

User:

Production Date: 2022.5.1



Item	Unit	Specification	Result	Test Method
Raw Mooney Viscosity	MU	42-52	47	ASTM D1646-07
Volatile Matter Content	%	Max 0.75	0.5	ASTM D5668-09
Ash Content	%	Max 1.00	0.19	ASTM D5667-95
Soap Content	%	Max. 0.50	0.15	ASTM D5774-95
Organic Acid	%	3.9 - 5.70	4.9	ASTM D5774-95
Bound Styrene	%	22.5 - 24.5	23.5	ASTM D5775-95
Compound Properties (ASTM D 1646-03) - (ML 1+4@ 100° C)1				
Compound Mooney Viscosity	MU	Max 62	58	ASTM D1646-07
Tensile Strength, 35 min at 145° C cured	kg/cm ²	min 200	235	ASTM D412-06
Elongation at Break, 35 min at 145° C cured	%	min 530	617	ASTM D412-06
300% Modulus, 35 min at 145° C cured	kg/cm ²	79 - 109	87	ASTM D412-06
Certified by:		TJPC QC		

TJF2-10110403-004-Rev00

Compounding formula according to D-3182 & D-3185.

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