



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

Product name: SBR 1502

Quantity

Lot No.: 1400SA0248

User:

Production Date: 2021.12.20



Item	Unit	Specification	Result	Test Method
Raw Mooney Viscosity	MU	46-58	48.5	ASTM D1646-07
Volatile Matter Content	%	Max 0.75	0.5	ASTM D5668-09
Ash Content	%	Max 1.00	0.16	ASTM D5667-95
Soap Content	%	Max. 0.50	0.18	ASTM D5774-95
Organic Acid	%	4.75 – 7	5.6	ASTM D5774-95
Bound Styrene	%	22.5 - 24.5	23.1	ASTM D5775-95
Compound Properties (ASTM D 1646-03) - (ML 1+4@ 100° C)¹				
Compound Mooney Viscosity	MU	Max 84	76	ASTM D1646-07
Tensile Strength, 35 min at 145° C cured	kg/cm ²	min 250	264	ASTM D412-06
Elongation at Break, 35 min at 145° C cured	%	min 350	394	ASTM D412-06
300% Modulus, 35 min at 145° C cured	kg/cm ²	167 - 207	181	ASTM D412-06
Certified by:				
			TJPC QC	

TJF2-10110403-004-Rev00

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