



SUN-FLEX RUBBER ROLLS TDS

Physical Properties	Test Method	Test Value	Tested Laboratory Name
ABRASION	ASTM D 4060: 2019	Wheel: CS -10 Test Load: 1000g No. of Cycles: 3000 Before Weight (mg) 28940, After 3000 Cycle Weight 28902.3 Weight Loss (mg) 37.7	SGS
FLAMMABILITY	49 CFR PART 571-302 FMVSS 302: 2019	PASS	SGS
DENSITY	ASTM D 792: 2020 (Method – A)	1.096 (g/cm ³)	SGS
DUROMETER HARDNESS (SHORE A)	ASTM D 2240: 2015	65 (Shore A)	SGS
TEAR RESISTANCE	ASTM D 624: 2000 (RA: 2012)	17.30 Tear Strength (KN/m)	SGS
HARDNESS (SHORE A)	ASTM D 2240: 2015	65 Hardness (Shore A)	SGS
TENSILE STRENGTH	ASTM D 412: 2016	2.44 Tensile Strength (MPa) Type Of Machine Used: CRE Test Speed: 500 mm/min.	SGS
COMPRESSION SET	ASTM D 395: 2018, Method – B	87.47 Compression Set (%) Compression: 25% thickness Compression Condition: at 100°C for 72 hours	SGS
COMPRESSION DEFORMATION	ISO 815-1: 2019 (Method – A)	84.10 Compression Deformation Set (%) Compression: 25% thickness Compression Condition: at 100°C for 72 hours	SGS
Pill Flammability	ASTM D2859	Excellent Pass	TSI GEORGIA USA
Skid Resistance	ASTM E303-93	Excellent Pass	TSI GEORGIA USA