



Material : Thermoplastic Polyurethane MAX SPARE Code : PU-W95

Physical propertiesNominalUnitsPonsity1.14 ± 0.02glorm?Arstno 1722Shore AShore AArstno 1220Shore AShore AArstno Loss<30mm²Dix Isofio>450MPaStrand trake>450MPaArstno Loss<400MPaDix IsofioMPaTanile Arouk>450MPaArstno LossMPaStrand trake>450MPaArstno LossMPaStrand Strand>9MPaStrand Strand>10MPaStrasa Storkarian>13MPaStrasa Storkarian>21MPaStrasa Storkarian>21MPaStrasa StorkarianMPaStrasa StorkarianStrasa Storkaria			
ASTM D 792 Ardness 95A Shoe A AstM D 2240 Arbasion Loss	Physical properties	Nominal	Units
Hardness96AShree AASTM D 2240Abrasion LossDIN 53516Tonsile strengthASTM D 412Eongation at breakASTM D 412Torsile ModulusASTM D 412Stress at 50 % strain-9.9Stress at 00% strain-10Stress at 00% strain-10 <td>Density</td> <td>1.14 ± 0.02</td> <td>g/cm³</td>	Density	1.14 ± 0.02	g/cm³
ASTM D 2240 Abraion Loss IN 53516 Tensile strength ASTM D 412 Foingation at break ASTM D 412 Foingation at break ASTM D 412 Tensile Modulus Streng AD Streng	ASTM D 792		
Abrasion Loss <30 main DIN 53516 MPa Tonsile strength > 45 MPa ASTM D412 Management Fongation at break > 450 % ASTM D412 Management Tonsile Modulus > 450 % ASTM D412 Tonsile Modulus > 450 MPa ASTM D412 Stress at 50% strain > 9 MPa Stress at 300% strain > 10 MPa Stress at 300% strain > 21 MPa Stress at 300% strain < 80	Hardness	95A	Shore A
DN 53516 Fosile strength > 45 MPa ASTM D 412 - - Fosile Modulus > 450 % 0 ASTM D 412 - - Tossile Modulus - - ASTM D 412 - - Tossile Modulus - - ASTM D 412 - - Stress at 50% strain > 9 MPa Stress at 300% strain > 10 MPa Stress at 300% strain > 210 MPa ASTM D 624 - MPa Torpression set - - ASTM D 395 - - 202,70 hrs %	ASTM D 2240		
Tensile strength>45MPaASTM D 412>450%Eongation at break>450%ASTM D 412Tensile ModulusASTM D 412-MPaStress at 50 % strain>9MPaStress at 300 % strain>11MPaStress at 300 % strain>21MPaASTM D 624Compression setASTM D 395-%23°C, 70 hrs<18	Abrasion Loss	< 30	mm ³
ASTM D 412 Elongation at break >450 % ASTM D 412 Tensile Modulus ASTM D 412 Stress at 50 % strain >9 MPa Stress at 100 % strain >11 MPa Stress at 300 % strain >21 MPa Stress at 300 %	DIN 53516		
Elongation at break> 450%ASTM D 412Forsite ModulusASTM D 412-Stress at 50 % strain> 9MPaStress at 300 % strain> 11MPaStress at 300 % strain> 21MPaStress at 300 % strain> 20MPaStress at 300 % strain> 20MPaStress at 300 % strain> 21MPaStress at 300 % strain> 20MPaStress at 300 % strain> 20MPaStress at 300 % strain> 20MPaStress at 300 % strain< 30	Tensile strength	> 45	MPa
ASTM D 412 Tensile Modulus ASTM D 412 Stress at 50 % strain >9 MPa Stress at 300 % strain >11 MPa Stress at 300 % strain >21 MPa MPa Stress at 300 % strain >21 MPa MPa MPa MPa MPa MPa MPa MPa	ASTM D 412		
Tensile Modulus ASTM D 412 Stress at 50 % strain > 9 Stress at 100 % strain > 11 Stress at 300 % strain > 11 Stress at 300 % strain > 21 MPa Tens Strength < 80	Elongation at break	> 450	%
ASTM D 412 Stess at 50 % strain > 9 MPa (MPa (MPa (MPa (MPa (MPa (MPa (MPa	ASTM D 412		
Stress at 50 % strain> 9MPaStress at 300 % strain> 11MPaStress at 300 % strain> 21MPaTear Strength< 80	Tensile Modulus		
Stress at 100 % strain > 11 MPa Stress at 300 % strain > 21 MPa Tear Strength < 80	ASTM D 412		
Stress at 300 % strain > 21 MPa Tear Strength < 80 N/mm ² ASTM D 624 Compression set ASTM D 395 23°C, 70 hrs 70°C, 22 hrs	Stress at 50 % strain	> 9	MPa
Fear Strength < 80 N/mm² ASTM D 624 -	Stress at 100 % strain	> 11	MPa
ASTM D 624 Compression set ASTM D 395 23°C, 70 hrs < 18	Stress at 300 % strain	> 21	MPa
Compression set ASTM D 395 <18	Tear Strength	< 80	N/mm²
ASTM D 395 23°C, 70 hrs < 18	ASTM D 624		
23°C, 70 hrs < 18	Compression set		
70°C, 22 hrs < 28 %	ASTM D 395		
	23°C, 70 hrs	< 18	%
Service temperature -40 to +130 °C	70°C, 22 hrs	< 28	%
	Service temperature	-40 to +130	٥C

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