



TSARA Soft

TSARA Soft is a long-lasting insecticidal net (LLIN) that lasting a minimum of 20 washes or three years. It is soft, durable and available in different denier (75, 100 and 150), shapes, colors and sizes. We can accommodate product design to clients' requests.



Trade name	TSARA Soft	
Common name	Deltamethrin long-lasting (coated onto filaments) insecticidal net	WHO Specification 333/LN/2 (July 2017)
WHO prequalified VC status	WHO PQ listed as accepted for procurement by UN and other international agencies and countries	
Specification	Requirements	Test standards
Active ingredient	Deltamethrin	333/LN/(M)/2, CIPAC Handbook M, p.66, 2009
Content	80 mg/m ² ±25% 2.7 g/kg ±25% (75 denier) 2.0 g/kg ±25% (100 denier) 2.0 g/kg ±25% (150 denier)	333/LN/(M)/3, CIPAC Handbook M, p.66, 2009
Wash resistance	20 washes	WHOPES/GCDPP/2005.11
Wash retention Index	0.90 - 1.00	MT 195, CIPAC Handbook O, p.205, 2017
Storage stability	54°C ± 2°C for 14 days <5% loss of deltamethrin	MT 46.3.4, CIPAC Handbook O, p.176, 2017
Material	100% polyester, multi-filament	ISO 1833
Fabrication	Warp knitted	ISO Standard 8388
Denier	75 ±5% 100 ±5% 150 ±5%	ISO 2060
Mesh	75 denier: 24 holes/cm ² (minimum 23) 100 denier: 24 holes/cm ² (minimum 23) 150 denier: 14 holes/cm ² (minimum 13)	CITEVE 110
Dimensional stability	Maximum 10% shrinkage Maximum 5% expansion	Method of preparation, marking and measuring: ISO 3759 Method of washing: ISO 6330 Method of calculation: ISO 5077
Bursting strength	75 denier: min. 250 kPa 100 denier: min. 350 kPa 150 denier: min. 420 kPa	ISO 13938:2
Weight	75 denier: 30 g/m ² ±10% 100 denier: 40 g/m ² ±10% 150 denier: 42 g/m ² ±10%	ISO 3801 / EN 12127
Fire safety	Non - ignitable (NI)	EN 1102