TECHNICAL DATA SHEET

DOC. NO.	REVISION	ISSUE	DATE
QF/RD/05	00	01	24-04-2026

KARAM®

SHELTEK
PN 561

Available in colors:

CE

CERTIFIED TO EN 397:2012+A1: 2012 AND EN 50365:2002

1	**PHYSICAL PARAMETERS**	GENERAL	DESIGN	• The QUADRAPLE CORRUGATION on the shell provides greater toughness thereby offering enhanced strength and stronger protection. • The anchoring points of the cradle are extra thick to ensure that there is no failure of the cradle in case of an impact. • The walls of the anchoring points in the shell where the cradle is anchored are extra thick to prevent any damages and slip out of the anchor points upon an impact.
			MATERIAL	Polypropylene Co-polymer
			SHOCK ABSORPTION	The function of a helmet is not only to provide protection to the user's head from a falling object but its capacity to reduce the impact which is defined as Shock Absorption Capacity
			WEARER COMFORT AND ERGONOMICS	• Forehead comfort pad consists of textile laminated foam sheet to provide extra softness and comfort to the user. • The comfort pad is non-skin irritant. • The nape strap of the Sheltek has a very simple design consisting of locking holes in a row along with molded locking heads for a very easy adjustment of the headband. • The four-point attachment cradle within the shell has a unique angular placement to provide optimum shock absorption. • Sheltek is provided with side slots for fitting face and hearing protection accessories. • The head band is made of non-irritant soft fabric to provide maximum comfort to the user. • Has adjustable chin strap. • Comes with manual adjustment to suit most head sizes.

KARAM®

TECHNICAL DATA SHEET

			HARNESS PREFERENCE	The helmet inner harness is available in options of webbing and polymer as per customer's need.
			WEIGHT	380 gms. ± 10 gms.
2	**VITAL TEST COMPLIANCE AS PER EN 397:2012+A1: 2012 AND EN 50635:2002**	CONDITIONING BEFORE TEST	VERY HOT CLIMATE (50°C)	Sustains a temperature of 50±5°C for 4 hours in an oven.
			VERY COLD CLIMATE (-10°C)	Sustains a temperature of -10±2°C for 4 hours in a refrigerator.
			HEAVY RAINFAL	Water flowing all over the surface at a rate of 1ltr/min for 4 hours.
		SHOCK ABSORPTION TEST	AS PER EN 397:2012+A1:2012	Conforms
		PENETRATION RESISTANCE TEST	AS PER EN 397:2012+A1:2012	Conforms
		FLAME RESISTANCE TEST	AS PER EN 397:2012+A1:2012	Conforms
		CHIN STRAP ANCHORAGE TEST	AS PER EN 397:2012+A1:2012	Conform
		ELECTRICAL INSULATION TEST	AS PER EN 397:2012+A1:2012	Conforms
		ELECTRICAL INSULATION TEST (OPTIONAL)		
		LATERAL DEFORMATION TEST (OPTIONAL)	AS PER EN 397:2012+A1:2012	Conforms
		VERY LOW TEMPERATURE (-20˚C or -30˚C) (OPTIONAL)	AS PER EN 397:2012+A1:2012	Conforms
		NON-ELECTRICAL AND ELECTRICAL REQUIREMENTS	AS PER EN 50365:2002	Conforms