



ZENITH INDUSTRIAL RUBBER PRODUCTS PVT. LTD.

Quality Rubber Solutions

An ISO 9001:2008 Certified Company
An ISO 14001:2004 Certified Company

GOVT.RECOGNISED EXPORT HOUSE

TECHNICAL SPECIFICATIONS

QUALITY : RUBBER FLOORING DURA TRANZ –Beta

PROPERTIES	TEST METHOD	VALUES	TEST METHOD	VALUES
		FPS UNITS		METRIC UNITS
SPECIFIC GRAVITY	DIN 53508	1.7 ±0.05	ASTM D297	1.7 ±0.05
HARDNESS	DIN 53505	80 ± 5 Sh A	ASTM D2240	80 ± 5 Sh A
TENSILE STRENGTH (min)	DIN 53504	781 PSI	ASTM D412	55 kg/cm2
ELONGATION AT BREAK (min)	DIN 53504	300 %	ASTM D412	300 %
ABRASION RESISTANCE (max)	DIN 53516	450 mm3	ASTM D5963	450 mm3
COMPRESSION SET (70°C/24 hrs/25% compression) (max)	DIN 53517	30%	ASTM D395 METHOD B	30%
TEAR RESISTANCE (Angular) min	DIN 53515	157 Lbs/Inch	ASTM D624	28 Kg/cm
CHANGE IN PROPERTIES AFTER HEAT AGEING FOR (72 hrs. AT 70 °C)			ASTM D573	
--- HARDNESS (Pts)		+ 5 (Max)		+ 5 (Max)
--- TENSILE STRENGTH (%)		+ 10 / - 25		+ 10 / - 25
--- ELONGATION AT BREAK (%)		+ 10 / - 25		+ 10 / - 25
--- OZONE		EXCELLENT	ASTM D 1149	EXCELLENT
FIRE CLASSIFICATION	NF F 16/101 (NFP 92/501)	M1	BS 476, Part 7, 1997	M1
	BS 476, Part 7, 1997 (INCLUDED IN THE BS 6853:1999)	CLASS 1	BS 476, Part 7, 1997	CLASS 1
SMOKE DENSITY	BS 6853 : 1999 ANNEX D 8.6	CLASS 1 A		CLASS 1 A
SMOKE TOXICITY	BS 6853 : 1999 ANNEX B2	CLASS 1 A		CLASS 1 A
--- DILUTE ACIDS AND BASES		GOOD		GOOD
--- CONCENTRATED ACIDS AND BASES		FAIR		FAIR
--- OILS		GOOD		GOOD
--- SOLVENTS		FAIR		FAIR
TEMPERATURE RANGE		-40° to + 120°C		-40° to + 70°C
COLOUR		BROWN/ LIGHT GREY/GREEN/ROYAL BLUE/MAHAGONY/BLACK /DARK GREY/		BROWN/ LIGHT GREY/GREEN/ROYAL BLUE/MAHAGONY/BLACK /DARK GREY/



