



TECHNICAL DATASHEET

HI-TENSILE RECLAIM RUBBER

GRADE SAMSARA - HT12

PROPERTIES	UNITS	TEST METHOD	SAMSARA - HT12
PHYSICAL PROPERTIES			
MOONEY VISCOSITY	ML (1+4)@100C	ASTM D1646 / IS 6306	50 - 60
HARDNESS	Shore A	ASTM D2240 / IS 6306	55 - 65
TENSILE STRENGTH	kg/cm ²	ASTM D412 / IS 6306	120 Min.
ELONGATION AT BREAK	%	ASTM D412 / IS 6306	400 Min.
SPECIFIC GRAVITY	gm/cc	ASTM D297 / IS 6306	1.14 ± 0.03
CHEMICAL PROPERTIES			
CARBON BLACK	%	ASTM E1131 / IS 6306	18 - 27
ASH CONTENT	%	ASTM D297 / IS 6306	8 Max.
ACETONE EXTRACT	%	ASTM D297 / IS 6306	14 ± 3
VOLATILE MATTER	%	-	1 Max.
RUBBER HYDROCARBON	%	ASTM E1131 / IS 6306	47 Min.

