

PRODUCT DATA SHEET

IMPRAMER™ B 2247 (Bromobutyl Rubber)

PRODUCT DESCRIPTION

IMPRAMER™ B 2247 bromobutyl rubber is a brominated copolymer of isobutylene and isoprene. Product is offered as white to light amber color bale and has 0.93 as typical specific gravity.

RAW MATERIAL PROPERTIES

Sr. No	Parameter	Unit	Range	Test Method
01	Mooney Viscosity ML (1+8) @125 °C (un-massed)	MU	41 – 51	ASTM D1646
02	Bromine	Wt.%	1.6 – 2.0	RSEPL method
03	Volatile Matter	Wt.%	0.7 max.	ASTM D5668
04	Non-staining Antioxidant	Wt.%	0.05 min.	RSEPL method
05	Ash	Wt.%	0.7 max.	ASTM D5667
06	Calcium	Wt.%	0.10 – 0.16	RSEPL method
07	Stabilizer ESBO	Wt.%	1.0 – 1.5	RSEPL method

ASTM D3958 COMPOUND PROPERTIES

Rheological Characteristics / Premier MDR measurement conditions: 160 °C × 0.5° × 40 min

Sr. No	Parameter	Unit	Range	Test Method
01	Minimum Torque (M _L)	dN.m	2.5 – 4.5	ASTM D5289
02	Maximum Torque (M _H)	dN.m	5.0 – 9.0	ASTM D5289
03	ts1	min	1.0 – 3.5	ASTM D5289
04	t'50	min	3.0 – 6.0	ASTM D5289
05	t'90	min	5.5 – 11.0	ASTM D5289

PACKAGING: 30 Kg Bale wrapped in dispersible EVA film is further packed either in appropriate bulk packing (like metal container) or as individual bale in paper bag.

SHELF LIFE: 2 years from manufacturing date under controlled storage conditions (temperature less than 40°C, no exposure to direct sunlight and atmospheric precipitation).

CUSTOMER TECHNICAL SUPPORT

customercare.rsepl@ril.com

techservice@sibur.ru