

RUBALOY - OUR PRODUCT

A POLYBLEND OF NBR-PVC

Rubaloy is a dry/mechanical Polyblend of NBR and PVC. Polyblends have changed considerably over the last few years and are now capable of giving finer, stronger materials with unique properties and an improved finish. Different ratios of NBR:PVC used in our product (varies from grade to grade) gives it an edge over Nitrile Rubber in ozone resistance, Chloroprene in fuel resistance & cost; and oil resistance in the case of EPDM.

EXCELLENT FUEL, OIL, OZONE, SOLVENT AND ABRASION RESISTANCE

Products made from Rubaloy have excellent fuel, oil, ozone, solvent and abrasion resistance; the finish is smooth and glossy due to the presence of PVC. Specialty grades offer unique properties such as low temperature resistance, extremely low hardness, fuel 'C' resistance, fire retardancy, anti-static properties; and the ability to produce light weight micro-cellular products. Rubaloy also offers low cost, general purpose grades for ozone and oil resistance. Due to its selected formulations and variety of grades, optimum physical and chemical properties can be achieved, along with excellent dimension control on extrudates and moulded products.

Our product's manufacturing process creates negligible or no pollution at all. Even though Rubaloy is a dry/mechanical blend, it has superior dispersion and therefore, enhanced physical properties. The product is RoHS compliant. Its ingredients/components are listed on the U.S. EPA TSCA 8(b) Inventory; and it also meets the all important REACH norms.

Rubaloy is packaged in 25 kg. LDPE bags for easy loading into mixers or HDPE reinforced paper bags for rough handling.

Rubaloy is manufactured by Imperial Water-proofing Industries Pvt. Ltd (An ISO 9001-2008 Company and a Government Recognized Export House), which was formed in 1959 in Mumbai, India.



NBR-PVC, as the name suggests is a combination or blend of acrylonitrile butadiene rubber (nitrile rubber/nbr) and polyvinyl chloride (pvc resin) and is categorised as a 'polyblend'.

As a combination of nitrile rubber and pvc, it maintains most characteristics of both, making it oil, fuel, ozone, solvent and abrasion resistant.

GRADES

GRADE	RAW POLYMER HARDNESS °A	SPEC GRAVITY	EXPECTED MOONEY	ACN CONTENT	EXTR. %	POLY RATIO	REMARKS
RA - 70	50 ± 5	1.04 ± 0.02	50 ± 5	33%	9	70/30	70/30 blend, 50 mooney
RA - 7060	55 ± 5	1.04 ± 0.02	60 ± 5	33%	9	70/30	70/30 blend, 60 mooney
RA - 7047	50 ± 5	1.06 ± 0.02	55 ± 5	33%	18	70/30	General Purpose
RA - 703G	60 ± 5	1.04 ± 0.02	75 ± 5	33%	5	70/30	
RA - 7573	50 ± 5	1.02 ± 0.2	65 ± 5	33%	11.75	70/30	General Purpose
RA - 7360	60 ± 5	1.04 ± 0.02	65 ± 5	33%	1	70/30	70/30 blend, High Tensile
RA - 7380	60 ± 5	1.04 ± 0.02	80 ± 5	33%	1	70/30	High Mooney, High Tensile
RA - L7360	60 ± 5	1.04 ± 0.02	65 ± 5	28%	1	70/30	70/30 Blend, Low Temp. Resistance
RA - 75	65 ± 5	1.06 ± 0.02	70 ± 5	39%	8	70/30	70/30 Blend, High A.C.N.
RA - 4465	60 ± 5	1.03 ± 0.02	60 ± 5	44%	1	70/30	Ultra High A.C.N. Content for Very High Oil and Fuel Resistance
RA - 6040	65 ± 5	1.11 ± 0.02	90 ± 5	33%	2.4	60/40	60/40 Blend for High Ozone Resistance
RA - 6490	65 ± 5	1.07 ± 0.02	90 ± 5	44%	1	60/40	
NBP 3050	42 ± 5	0.98 ± 0.02	52 ± 5	33%	5	85/15	High Nitrile Rubber Content
RA - 8020	40 ± 5	1.02 ± 0.02	50 ± 5	33%	10	80/20	Low PVC Content, Improved Compression Properties
RA - 50	60 ± 5	1.11 ± 0.02	60 ± 5	33%	12	50/50	50/50 Blend for High Ozone Resistance
RA - S	45 ± 5	1.09 ± 0.02	30 ± 5	33%	20	30/20	Polyblend for Soft, Low Hardness Products
RA - SS	30 ± 5	1.05 ± 0.02	25 ± 5	33%	70	60/40/70	Very Low Hardness Compound
RA - 2530	50 ± 5	1.07 ± 0.02	50 ± 5	33%	43	10/10/15	Oil Extended and Low Hardness Applications
RA - FRLT	60 ± 5	1.08 ± 0.02	55 ± 5	33%	9	70/30	For Fire Retardancy
RA - 73	55 ± 5	1.05 ± 0.02	60 ± 5	33%	10	70/30	Low Cost, General Purpose

*Grades subject to change without prior notice.