

# RUBALLOY<sup>®</sup> NBR-PVC



▲ RUBALLOY - 70

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▲ NBP 3050



## **NBR-PVC (General Introduction)**

Polyblends have changed dramatically over the last few years. Polyblends are now capable of giving finer and stronger materials with unique properties and a better finish.

Polyblends of Nitrile Rubber with Poly Vinyl Chloride are today replacing conventional rubbers namely Nitrile Rubber, CR (Neoprene), EPDM etc. ... NBR/PVC Blends with different grades and ratios of Nitrile Rubber, PVC and Plasticizers have gained an edge over Nitrile rubber in ozone resistance, CR (Neoprene) in cost, oil & fuel resistance and of EPDM in the case of oil resistance.

Furthermore the Polyblends also have the unique qualities of being fire and solvent resistant. These formulations are now being accepted the world over and are replacing the conventional Polymers due to its reliability and low cost substitution.

## **RUBALOY (NBR/PVC)**

**Rubaloy** is manufactured by Imperial Water Proofing Industries Pvt. Ltd, which was formed in 1959. The company was in the business of manufacturing rubber adhesives. In 1992 the company ventured into manufacturing of NBR / PVC Blends under the brand name **Rubaloy**.

Today, **Rubaloy** is a popular brand not only in India, but also has a foot-hold in the International Market. Its quality has been accepted by manufacturers all over the world and is growing with time. The company is ISO 9001-2000 certified and a government recognized Export House.

Our quality control starts right from the procurement of raw materials, which are tested in our factory. We carefully weigh and process our formulations in our in-house laboratory. This guarantees uniform quality and consistency in colour / transparency and all other properties.

Due to its selected formulations, variations and grades, optimum physical and chemical properties are achieved by using **Rubaloy**. The product bands excellently on the mixing mill and flows in the extruder. One can achieve excellent dimension controls on the extrudates and moulded products.

Products made from **Rubaloy** have excellent oil, ozone, abrasion and solvent resistance along with smooth and shiny surface finish. Special grades of **Rubaloy** are also offered to give low temperature resistance, low hardness compounds, fuel 'C' resistance, fire - retardancy, anti static properties and light weight micro cellular products.

**Rubaloy** also offers different grades of NBR / PVC which are cost effective offering general purpose oil and ozone resistance to rubber products.

**Rubaloy** is one of the only internationally known brand offering more than 12 different grades of NBR/PVC blends in various ratios of NBR with PVC and other additives. **Rubaloy** can provide a suitable grade for every customer's need.

The company also provides technical assistance and formulations for use of **Rubaloy**, to their customers.



## Available Grades

Grade	Raw polymer Hardness 'A'	Spec. Gravity	Expected Mooney ML1+4@100°C	ACN Content	Extr. %	Poly Ratio	Remarks
RA-70	50±5	1.04 ± 0.02	50±5	Med	9	70/30	70/30 Blend 50 mooney
RA-7060	55±5	1.04 ± 0.02	60±5	Med	9	70/30	70/30 Blend 60 mooney
RA-73	55±5	1.05 ± 0.02	60±5	Med	10	70/30	Low cost. General purpose
RA-7360	60±5	1.04 ± 0.02	65±5	Med	1	70/30	70/30 High Tensile
RA-L 7360	60±5	1.04 ± 0.02	65±5	Low	1	70/30	70/30 Low temperature resistance
RA-75	65±5	1.06 ± 0.02	70±5	High	8	70/30	70/30 Blend High ACN
RA-50	60±5	1.11 ± 0.02	60±5	Med	12	50/50	50/50 Blend for high ozone resistance
RA-S	45±5	1.09 ± 0.02	30±5	Med	20	3/2	For soft/low hardness products
RA-SS	30±5	1.05 ± 0.02	25±5	Med	70	60/40/70	For very low hardness compound
RA-FRLT	60±5	1.08 ± 0.02	55±5	Med	9	70/30	For Fire-retardancy
RA-RR	65±5	1.14 ± 0.02	43±5	Med	18	60/40	For blend in Rice Roller compound
NBP 3050	42±5	0.98 ± 0.02	52±5	Med	5	85/15	High Nitrile Rubber content

## Applications

**Gaskets • Oil/Fuel Seals • 'O' Rings • Grommets • Diaphragms • Bellows Wind-Shield Wipers • Automotive Seals & Profiles • Automotive Handle Grips • Automotive Foot-Rests • Automotive Mats • Automotive Weather- Strips • Microcellular Sheets for Insulation • Cable-Sheathings • Rice Rollers • Low & High Hardness Printing Rollers • Industrial Hoses • Automotive Hoses • Fuel 'C' & 'D' Hoses • Petrol/Diesel Hoses & Tubes • Fire Hoses • Hydraulic Hoses • Kerbside Hoses • LPG Hoses & Tubes • Air-Intake Hoses • Low Temp. Resistant Hoses • Safety Shoe-Soles • Conveyor Belt Covers • Anti-Static Floor Coverings • Rubber Floorings & Tiles • Chemical & Sea- Water Resistant Sheets • CNG & LPG Rubber Parts • Low Temperature Resistant Products • Rice Rollers • High Oil, Ozone, Abrasion & Flex Resistant Rubber Products.**



**IMPERIAL WATERPROOFING INDUSTRIES PVT. LTD.**

( Government recognised Export House)

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