

NBR 2860

NBR 2860 is a copolymer of butadiene and acrylonitrile to be manufactured by cold emulsion polymerization technology of Goodyear and LG Chem.

NBR 2860 is a non staining, medium mooney, and medium low acrylonitrile polymer designed to aid in processing operations such as extrusion and press molding. And also, this grade offers excellent flexibility and elasticity in low temperature by the minimized block structure and low acrylonitrile content on polymer chain.

NBR 2860 is recommended for use in industrial and automotive parts such as packing, gasket and oil hose.

BASIC PROPERTIES		VULCANIZATE PROPERTIES	
Polymerization	Cold Emulsion	Recipes(ASTM D3187)	
Bound AN Content(%)	28	NBR 2860	100.0 phr
Volatile Matter(%)	0.3	HAF(IRB #8)	40.0
Ash(%)	Max 1.0	ZnO	3.0
Stabilizer	Non-Staining	Stearic Acid	1.0
Mooney Viscosity(ML1+4,100°C)	60	TBBS	0.7
Color	Light Tan	Sulfur	1.5
Specific Gravity	0.98	Total	146.2
Packaging Information		Stress-Strain Properties	
Bale Weight	35kg	(ASTM D412, 145°C×50min. Cured)	
Bale wrapping film : LDPE		300% Modulus(kg/cm ²)	120
Shelf Life :18 months from date of production at roomtemperaturesnotexceeding 30°C under belowed storage condition (Retest critical parameters like MV and others after the expiry of shelf life).		Elongation(%)	510
Storage condition		Tensile strength(kg/cm ²)	250
NBR should be stored in warehouse to be protected from sunlight, heat, moisture and foreign materials.			

The above data is a typical value, therefore there may be a slight difference between the elements of a supplied product and the data.