

ETHYLENE PROPYLENE RUBBER

505A

EPR/EPDM

Description

505A is an amorphous rubber with low molecular weight and high ENB content, 505A is able to be applied for various types of product by taking advantage of its good flow and high cure rate, By blending with diene type rubbers such as a natural rubber, 505A plays significant roles to improve their ozone resistance, 505A is also suitable for foam applications made by continuous curing and it produces various sponge products with low density.

Applications

- Electrical equipment
- Sponge products (Weather strip, Heat insulated pipe etc.)
- Ozone resistance modifier

Characteristics	Unit	Test Method	Typical Value
ML ₍₁₊₄₎ 100 ^o C	MU	ASTM D1646	45
Ethylene content* ¹	wt%	ASTM D3900	57
ENB content* ²	wt%	ASTM D6047	8.4

*1: C2 + C3 = 100wt%

*2: C2 + C3 + ENB = 100wt%

Storage and handling:

Avoid direct sunlight, avoid contact with eyes, avoid prolonged and repeated contact with skin and Use adequate ventilation.

Regulatory Compliance:

Please visit Petro Rabigh website or contact Quality Assurance and Claim Handling Section:

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