

Carbon Black • SR476

SR476 is a median structure pelletized carbon black. It is specifically developed to exhibit lower hysteresis, better abrasion resistance, and higher modulus characteristics as compared to ASTM N330. SR476 unique particle size is engineered for use in dynamic mechanical rubber goods, where performance in durability, lower hysteresis, and improved flex-to-fatigue properties are required.

TYPICAL APPLICATIONS

- Industrial elastomeric components subjected to repeated dynamic cyclic deformation
- Elastomeric components requiring lower hysteresis, and improved flex-to-fatigue properties
- Elastomeric extrusion products requiring higher psi burst strength



PERFORMANCE FEATURES

As compared to the target values of ASTM N330

- Exhibits lower hysteresis characteristics
- Higher modulus properties
- Better abrasion resistance
- Good tear and improved crack propagation properties
- Improved flex-to-fatigue properties
- Ease of dispersion
- Generates lower viscosity
- Improved mixing and processing characteristics



Test Procedure	Typical Properties	Test Method
OAN, cm ³ /100g	106	ASTM D-2414
Tint, %	94	ASTM D-3265
Surface Area, m ² /g	67	ASTM D-6556
Particle Size, nm	28-30	