

PRODUCT BULLETIN/Blown Castor Oil



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BLOWN CASTOR OILS

Z-1, Z-3, Z-6, Z-8

VISCOSITY GRADES

General Description:

Blown Castor Oils are oxidized castor oil polymers available in a wide range of viscosity grades. Generally, as the degree of oxidation increases the color darkens, the acid value increases, and the iodine value decreases (less unsaturation).

Typical Properties:

Blown Oils	Gardner Color	Acid Value
Z-1	2-8	12
Z-3	7-11	14
Z-6	9-13	16
Z-8	12-16	16

Applications:

Blown Castor Oils are excellent permanent plasticizers. Due to the polarity introduced by the addition of oxygen to the castor oil, Blown Castor Oils are efficient wetters. They are excellent vehicles for pigment dispersion.

Blown Castor Oils are noted for their solvent resistance and find use in caulks and plug valve lubricants. In polyurethane prepolymer systems the Blown Castor Oils impart weatherability, film build, high gloss, and gloss retention.

General Information:

For additional information or technical assistance contact Southern Clay Products, Inc. toll free at 800-324-2891.

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