



DATA SHEET  
NYACOL® DP5480

## NYACOL® DP5480

### COLLOIDAL SILICA IN ETHYLENE GLYCOL

NYACOL DP5480 is a dispersion of nano-sized silica particles in polymer-grade ethylene glycol.

#### ADVANTAGES

- Improved abrasion resistance for PET film.
- Anti-block for PET film.

#### TYPICAL PROPERTIES

|   |          |
|---|----------|
| Specific Gravity, 25°C                                | 1.3      |
| Particle Diameter (measured by TEM <sup>a</sup> ), nm | 50       |
| Particle Diameter (measured by PCS <sup>b</sup> ), nm | 85       |
| SiO <sub>2</sub> , %                                  | 30       |
| pH (diluted 1:1 by vol. with distilled water)         | 3        |
| Viscosity (Brookfield, 25°C), cP                      | 60       |
| H <sub>2</sub> O (Karl Fischer Method), %             | 1.0 max. |

<sup>a</sup> TEM – Transmission Electron Microscopy

<sup>b</sup> PCS – Photon Correlation Spectroscopy

#### PACKAGING

| SIZE           | WEIGHT            |
|----------------|-------------------|
| 55 Gallon Drum | 550 Pounds Net    |
| 208 Liters     | 250 Kilograms Net |

#### FOR ADDITIONAL INFORMATION OR TO PLACE AN ORDER

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