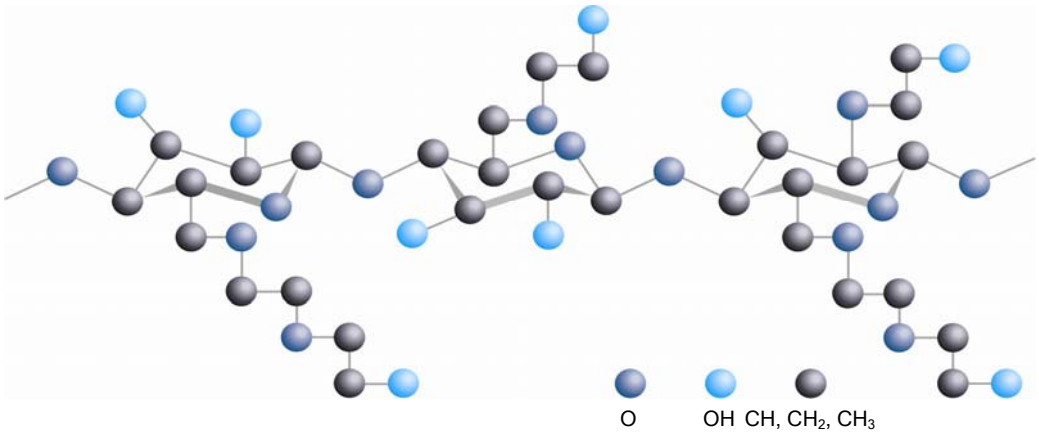
SE Tylose GmbH & Co. KG

Tylose® HS 100000 YP2

Technical Data Sheet



Product properties			
Constitution:	Hydroxyethyl cellulose		
Appearance:	white powder	Delayed solubility:	yes
Etherification:	high etherification	Biostability:	yes
Particle size:	powder	Level of viscosity: according to Höppler	100000 mPa·s

Product specification	
Moisture:	≤ 6 %
Sulfated ash:	≤ 6 %
Particle size:	< 180 µm: min. 85%
Particle size:	< 100 µm: 45 - 85%
Viscosity: Brookfield RV,20rpM, 1.0%,20°C,20° GH	4200 - 5500 mPa·s

Additional data	
Bulk density:	ca. 450 g/l
Etherification (MS):	ca. 2.70
Swelling time:	ca. 20 min.
Final dissolving time:	ca. 30 min.

Recommended fields of application

Interior paints

Exterior paints

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10/2009

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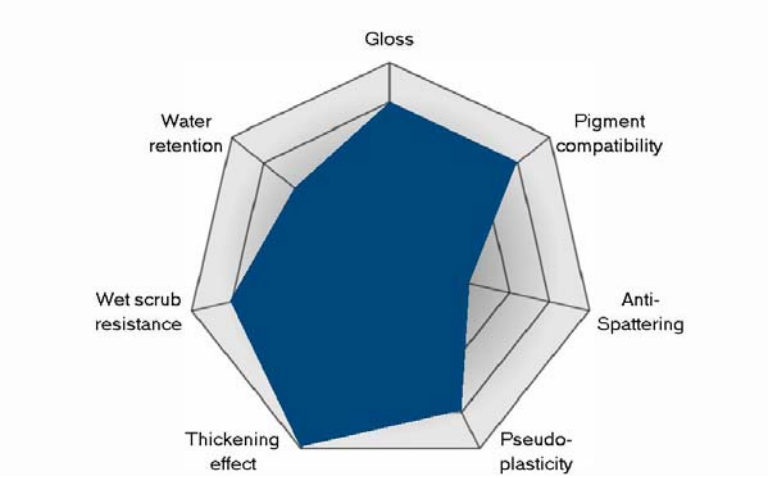

Application performance

Gloss:	high	Thickening effect:	very high
Pigment compatibility:	high	Wet scrub resistance:	high
Anti-Spattering:	unfavourable	Water retention:	moderate
Pseudoplasticity:	high		

Packaging, Storage, Safety instructions

Like all fine-particle organic substances, cellulose ethers constitute a dust explosion hazard. Dust formation and deposits must be kept to a minimum so that no ignitable dust/air mixtures can form. Ignition sources such as naked flames, hot surfaces, sparks and static electricity should be avoided. Tylose starts to decompose at about 200°C. Its ignition temperature is >360°C. Tylose burns easily and the fire may spread.

When stored in closed containers, or in its original packaging in a dry place at room temperature, Tylose can be kept for a long time. In the case of high viscosity grades, a slow loss of viscosity can be measured after lengthy storage (>1 year). Tylose absorbs water from moist air. Once opened, container must be resealed and kept tightly closed.

25 kg Valved multi-layer paper sack with polyethylene interleaf

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