



PPG HI-SIL[®] EZ80G-D

Reinforcing HD Silica

TIRE

PPG HI-SIL[®] EZ80G-D silica is a reinforcing highly-dispersible synthetic amorphous precipitated silica engineered to provide performance improvements relative to conventional highly-dispersible silicas in winter tire tread and various non-tread compounds.

Hi-Sil EZ80G-D silica utilizes specific morphology to enable optimization of hysteretic properties to enhance both fuel efficiency and traction properties of tread compounds. Studies support that higher loadings of *Hi-Sil* EZ80G-D provide an improved winter tire performance. The impact on hysteretic properties also reduces energy loss associated with non-tread tire components such as the sidewall. Additionally, the impact not only further improves fuel efficiency, but also reduces heat build-up which leads to a reduction in separation and blow-out.

Benefits relative to conventional highly-dispersible silicas

- Better traction for improved safety and handling, especially in wet, snowy, or icy conditions
- Better rolling resistance for improved fuel efficiency
- Better energy management reducing heat build-up for improved resistance to blow-outs
- Better processing



Typical Properties – <i>Hi-Sil</i> EZ80G-D Silica	
N ₂ BET-5 Surface Area, m ² /g	70 - 90
CTAB Surface Area, m ² /g	80
pH, 5% slurry in water	6.0 - 7.0
Residual Salt Type	Na ₂ SO ₄
Physical Form	Micro-granule
Moisture Content, weight %	4.5 - 7.5
Manufacturing Location	Delfzijl, The Netherlands



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Product Safety and Regulatory Information

For the latest safety and regulatory information, please reference the product Safety Data Sheet and Global Product Safety and Regulatory Information Sheet available at www.ppgsilica.com/SDS.

Samples

Samples are available per request from customer service.

Packaging

Standard packaging as follows:

Multi-wall paper	44 lb (20 kg) net weight
FIBC	750 lb (340 kg) net weight

Bags are unitized for shipping on pallets which are stretch wrapped with clear plastic film. Please consult with customer service or your sales representative regarding additional packaging options, including custom package sizes and bulk shipments.

Storage

To ensure product integrity, PPG recommends that our silica products be stored under dry, clean conditions, protected against exposure to direct sunlight and other substances, and used within twelve months of the date of manufacture.

Visit www.ppgsilica.com for more information.

Safety and Health Effects

PPG recommends that, before use, anyone using or handling this product thoroughly read and understand the information and precautions on the label, as well as in other product safety publications such as the Material Safety Data Sheet. Any health hazard and safety information contained herein should be passed on to your customers or employees, as the case may be. The products mentioned herein can be hazardous if not used properly. Like all potentially hazardous materials, this product must be kept out of the reach of children.



USA
PPG Silica Products
440 College Park Drive
Monroeville, PA 15146 USA

Customer Service: 1-800-243-6745
Technical Service: 1-800-764-7369
E-mail: silicacustserv@ppg.com

EUROPE
PPG Delfzijl Plant
P.O. Box 181
9930 AD Delfzijl, The Netherlands

Customer Service: +31-596-676710
Technical Service: +31-596-676710
E-mail: csdelfzijl@ppg.com

