

CATALYST PS/2

POLIDAN[®] PEX System

Catalyst Masterbatch for Silane-Crosslinkable POLIDAN[®] compounds

Description

Catalyst PS/2 is a PE based catalyst masterbatch, which accelerates the crosslinking reaction of the pipe product during its curing process that can take place by exposure of the pipe to water or steam at high temperature. Catalyst PS/2 contains a processing aid.

<u>PHYSICAL AND MECHANICAL PROPERTIES</u>	<u>Typical Value</u>	<u>Unit</u>	<u>Test Method</u>
<i>Bulk density at 23 °C</i>	550	g/cm ³	ISO 60
<i>MFI, 190°C, 2,16 Kg</i>	0.50	g/10'	ISO 1133

Above values are typical averages

Dosage

Catalyst PS/2 shall be used together with the silane-crosslinkable POLIDAN[®] compounds in the ratio of 5 to 95 parts respectively. The two components shall be mixed together before the extrusion or continuously during the process with the use of automatic feeders. Usually there is no need to pre-dry the catalyst masterbatch.

Colouring

Catalyst PS/2 and POLIDAN[®] compounds can be used with good quality PE based colour masterbatches. Solvay Padanaplast suggests to pre-dry all colour masterbatches prior use.

Storage

The product shall be stored under the following conditions:

- Closed and unbroken bags
- Ambient temperature not exceeding 40°C
- Indoor in order to avoid direct exposure from sunlight

The product could undergo alterations due to extended period of storage. Solvay Padanaplast suggests the product use within 12 months from the production date printed on the packaging. Solvay Padanaplast accepts no liability of any kind in case the above mentioned conditions are not fulfilled.

Packaging

Catalyst PS/2 is supplied in 25 kg bags placed on pallets.

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Technical Service

Catalyst PS/2 is part of the Solvay Padanaplast catalyst masterbatch range and is used together with the POLIDAN[®] compounds. Solvay Padanaplast Technical Service is available to assist customers with further information and advice including the start-up and also for any eventual necessity during the use of the product.

Disclaimer

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SOLVAY PADANAPLAST S.p.A.
Via Paganina 3
43010 Roccabianca, (PR), Italy
Phone: +39 0521 5291, Fax: +39 0521 870427
e-mail: info.padanaplast@solvay.com
Internet: <http://www.padanaplast.com>
<http://www.solvayplumbing.com>
<http://www.solvay.com>



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