

## Technical Data Sheet

**Pearlbond™ 521** is a linear, polycaprolactone-copolyester polyurethane, supplied in form of white spherical granules with a very high crystallization rate and a very high thermoplasticity level.

## PRODUCT SPECIFICATION

<b>Melt Flow Index</b> (170°C/2.16 Kg)	<b>30–60</b> g/10 min	<b>ISO 1133</b>
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## PRODUCT CHARACTERISTICS \*

Property*	Typical Values	Test Method
Density @ 20°C	1.19 g/cm <sup>3</sup>	ISO 2781
OH Value	< 3 mg KOH/g.	MQSA 47A
Moisture Content	< 0.15%	MQSA 44
Crystallization	9–11 min.	MQSA 12A
Melt Viscosity @ 130°C	760 Pa.s	ISO 1133
Melting Point	65 ± 2°C	MQSA 70A
Thermoplasticity	Very High	MQSA 68A

\*These typical values provide general information, not for use as product specification.

## APPLICATIONS

**Pearlbond™ 521** can be added to formulations of REACTIVE POLYURETHANE HOT-MELTS (*HMPUR*), in order to improve the crystallisation speed.

## HEALTH AND SAFETY

A safety data sheet on **Pearlbond™ 521** is available, with all safety information. The usual safety practices in the handling of chemicals should be observed, i.e.: good ventilation in the working area, gloves and protective goggles.

## PACKAGING

Multifoil paper bags and PE bags containing 25 Kg.  
Pallet of 750 Kg of weight.

## STORAGE

**Pearlbond™ 521** must be stored in a cool (15–25°C) and environment prior to being processed. Standard practice of consuming resin on first-in first-out basis should be employed.

**For further information refer to Lubrizol Advanced Materials processing guides.**

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