

Stobicast® HC

High Performance Hot Cast Elastomer Polyurethane Systems



STOCKMEIER
URETHANES

Stobicast® Hot Cast (HC) Polyurethane systems are customizable to suit your specific application requirements; therefore, covering a broad spectrum of industries to create technical and commercial products. The aromatic isocyanate prepolymers offer multiple hardness's, tightly controlled NCO ranges and viscosities suitable for numerous applications requiring a high-performance elastomer.

Stobicast® HC has been found suitable for all types of industrial and commercial applications including mining, pipeline pigging, construction, transportation and agriculture. All products have superior processing attributes that optimize the efficiency and quality of the finished goods making them truly the choice of the professional.

System Benefits:

- High Resiliency
- Hydrolytic Stability
- Chemical Resistance
- Extensive Range of Hardness
- High Wear & Tear Resistance
- Abrasion Resistance
- High Load Bearing
- Versatility



Delivering Urethane Solutions Worldwide
www.stockmeier-urethanes.com



Stobicast® HC Featured Products

	Product Name	NCO Range (%)	Viscosity/ Temperature (mPa·s)/°F	Shore Hardness	Remarks
MDI Polyester Prepolymers	Stobicast® HC 1520	8.0 - 8.55	1300 / 176	95A	High Property Elastomers Die Cut Blankets Wheels Rolls Sheet Goods
	Stobicast® HC 1521	6.5 - 6.9	1200 - 1500	60A - 95A	
	Stobicast® HC 1521	12.3 - 12.7	250 - 600	70A - 55	
	Stobicast® HC 1523	7.0 - 9.7	770 / 176	97A - 50D	
	Stobicast® HC 1527	19.00	900 - 1300 / 176	Multi -Durometer	
MDI Polyether Prepolymers	Stobicast® HC 1525	7.1 - 7.4	1200 - 1675 / 176	85A - 90A	High Resilience Products Skate Wheels Bushings Flexible and Semi-Rigid Foams
	Stobicast® HC 1531	23.00	550 - 800 / 77	Multi - Durometer	
	Stobicast® HC 1533	13.00	2800 / 77	Multi - Durometer	
TDI Polyester Prepolymers	Stobicast® HC 1532	2.3 - 2.5	1400 / 176	70A	High Property Elastomers Elastomeric Coatings Pipeline Parts Forklift Wheels Printing Rolls
	Stobicast® HC 1535	3.2 - 3.4	2100 / 176	80A - 82A	
	Stobicast® HC 1528	4.0 - 6.5	600 - 1000 / 176	90 - 95A	
TDI Polyether Prepolymers	Stobicast® HC 1543	4.0 - 4.3	550 / 212	90A	High Property Elastomers Coatings Forklift Wheels
	Stobicast® HC 1544	3.4 - 3.6	450 / 176	90A	

STOCKMEIER Urethanes GmbH & Co. KG
IM Hengstfeld 15
32657 Lemgo, Germany
T: +49 5261 / 660 68 - 0
F: +49 5261 / 660 68 - 29
Urethanes.ger@stockmeier.com

STOCKMEIER Urethanes France S.A.S.
8, Rue de l'industrie Z.I. Est
68700 Cernay, France
T: +33 389 75 70 70
F: +33 389 75 70 81
Urethanes.fr@stockmeier.com

STOCKMEIER Urethanes USA, Inc.
20 Columbia Boulevard
Clarksburg, WV 26301-9606, USA
T: +304 624 7002
F: +304 624 7020
Urethanes.usa@stockmeier.com

STOCKMEIER Urethanes UK Ltd.
Mylestone House, Sowerby New Road
Sowerby Bridge HX6 1AA, UK
T: +44 1422 835835
F: +44 1422 439439
info@stockmeier.co.uk

