

RESIFA™ SUNSPERA™ Catalyst Supports for Polyolefin

For Slurry/Cascade Polyolefin Polymerization Processes

Grade		HH Series High Surface Area, Hard Particles				HB Series High Surface Area, Breakable Particles			LB Series Low Surface Area, Breakable Particles	
		H-31	H-51	H-121	H-201	H-52	H-122	H-53	L-52	L-123
Suitable for		Polyolefin not requiring transparency				Polyolefins requiring transparency such as HDPE and MDPE			Polyolefins requiring transparency such as LLDPE Metallocene	
Mean particle size	µm	3	5	12	20	5	12	5	5	12
Specific surface area	m ² /g	800	800	800	800	700	700	700	300	300
Pore volume	mL/g	0.9	0.9	0.9	0.9	1.6	1.8	1.8	1.6	2.0
Pore diameter	nm	4.5	4.5	4.5	4.5	-	-	-	12	20
Oil absorption capacity	mL/100g	150	150	150	150	300	300	400	300	400

For Gas Phase Polyolefin Polymerization Processes

Grade		DM Series	
		DM L-303	D-70-120A (LV)
Mean particle size	µm	35	65
Specific surface area	m ² /g	300	450
Pore volume	mL/g	2.1	1.7
Pore diameter	nm	60	15
Span value	-	0.5	0.95
Mechanical strength	MPa	2.9	6.3

*Particle size and Span value measured with Floe Partical Image Analysis

* Pore diameter - Peak Pore Diameter

RESIFA™ and SOLESPHERE™ are registered trademarks of AGC Inc.

**AGC Chemicals Company
AGC Inc.**

Shin-Marunouchi Bldg.
1-5-1 Marunouchi
Chiyoda-ku, Tokyo
100-8405 Japan
Tel: +81-3-3218-5438
www.agc-chemicals.com

AGC Asia Pacific Pte., Ltd.

460 Alexandra Road
#32-01 mTower
Singapore 119963
Tel: +65 6273 5656
www.agc-asiapacific.com

**AGC Chemicals Trading
(Shanghai) Inc.**

Room 4008/09, F40, T1
Raffles City Changning
No.1133 Changning Road
Shanghai, China 200051
Tel: +86-21-6386-2211
www.agcsh.com

**AGC Chemicals
(Thailand) Co., Ltd.**

944 Mitrtown Office Tower, 14th Floor
Rama 4 Road, Wangmai Sub-District
Pathumwan District, Bangkok 10330
Thailand
Tel: +66-2-092-6499
www.acth.co.th

AGC Chemicals Europe, Ltd.

Hillhouse International
Fleetwood Road North
Thornton-Cleveleys
FY5 4QD
United Kingdom
Tel: +44 (0) 1253 209560
www.agcce.com

**AGC Chemicals Europe, Ltd.
Commercial Centre**

World Trade Center, Zuidplein 80
1077 XV Amsterdam, Netherlands
Tel: +31-(0)-20-880-41-70
www.agcce.com

AGC Chemicals RUS

Russian Federation, 121596
Moscow, Gorbunova Street 2
Grand Setun Plaza, Bldg. 204, BC
5th Floor, Block B, Office B 504
Tel: +7-918-555-34-37
www.agcce.com

AGC Vidros do Brasil Ltda.

Estrada Municipal Doutor Jaime
Eduardo Ribeiro Pereira, 500
Jardim Vista Alegre
Guaratinguetá, SP, Brasil
CEP 12523-671
Tel: +55 12 3127-7100
www.agcchem.com/pt-br/



**Chemistry
for a Blue Planet**
AGC Chemicals

AGC

AGC Chemicals Americas, Inc.

55 E. Uwchlan Avenue, Suite 201
Exton, PA 19341
United States of America

Telephone: +1 610-423-4300
Toll Free (US only): 800-424-7833
Fax: +1 610-423-4305

www.agcchem.com

Visit our website for compliance information and industry certifications.

The information provided herein is related only to the specific product designated and may not be applicable where such product is used in combination with any other materials or in any process.

NO REPRESENTATION OR WARRANTIES, EITHER EXPRESSED OR IMPLIED, OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE OR OF ANY OTHER NATURE, ARE MADE HEREUNDER.

The user of this product has the sole responsibility to determine the suitability of the product for any use and manner of use intended. This document may be revised after its issuance, and the user is advised to use the latest revision.

This information should be used as a guide only and not to establish specification limits or design criteria.