



TotalEnergies

Refining & Chemicals
Polymers

Polyethylene Lumicene® Supertough 40AST05

Technical data sheet
Metallocene Polyethylene BLOWN FILM
Produced in Europe

Description

Lumicene® Supertough 40AST05 is a metallocene polyethylene blown film grade that is especially designed to have an excellent balance of stiffness, toughness, processability and aesthetics.

Thanks to this innovative design, Lumicene® Supertough 40AST05 brings a huge down-gauging potential in the film market especially for the collation shrink application. It can also be used in many other multilayer applications to bring the desired properties needed to down-gauge.

Lumicene® Supertough 40AST05 does not contain any Polymer Processing Aid based on Perfluoroalkyl Substance (PFAS)

Characteristics

Property	Method	Unit	Typical value (*)
Density	ISO 1183	g/cm ³	0.940
Melt Flow Rate (190°C/2.16 kg)	ISO 1133	g/10 min	0.5
Melting temperature	ISO 11357	°C	127
Vicat temperature	ISO 306	°C	122

(*) Values indicated are typical for this product. Density and MFR are routinely measured during the standard quality control procedure. The other figures are generated by tests not included in the standard quality control procedure, and are given for information only. Data are not intended for specification purposes.

Information contained in this publication is true and accurate at the time of publication and to the best of our knowledge. The nominal values stated herein are obtained using laboratory test specimens. These are typical values not to be construed as specification limits. Before using one of the products mentioned herein, customers and other users should take all care in determining the suitability of such product for the intended use. Unless specifically indicated, the products mentioned herein are not suitable for applications in the pharmaceutical or medical sector. The Companies within TotalEnergies Petrochemicals do not accept any liability whatsoever arising from the use of this information or the use, application or processing of any product described herein. No information contained in this publication can be considered as a suggestion to infringe patents. The Companies disclaim any liability that may be claimed for infringement or alleged infringement of patents.

TOTALENERGIES ONE TECH BELGIUM
Zone Industrielle C
B-7181 Feluy
Belgium

Rev : January 24

Page 1 of 2

www.polymers.totalenergies.com

Polyethylene





شركة بترومول للتجارة والصناعة
PETROMALL INDUSTRY & TRADING CO



TotalEnergies

Refining & Chemicals
Polymers

Polyethylene Lumicene® Supertough 40AST05



petromall.net



info@petromall.ps



+970 599 2020 64



Hebron - Palestine

فلسطين - الخليل

+972 2 2233840

