

EXCELL-R GREY EPS

Introduction



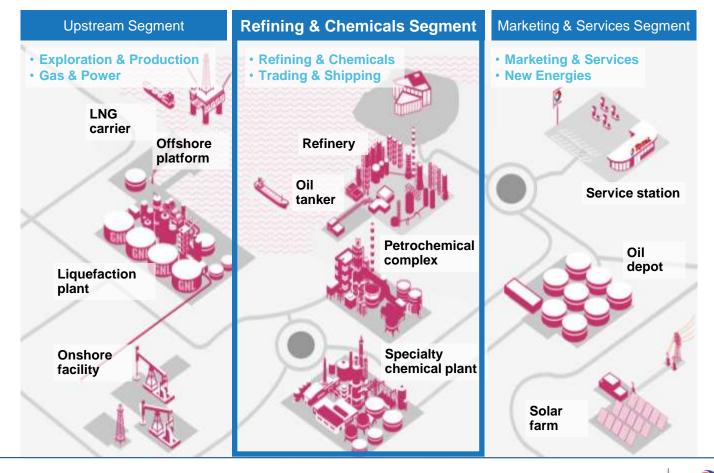


1 INTEGRATED STYRENICS OPERATION



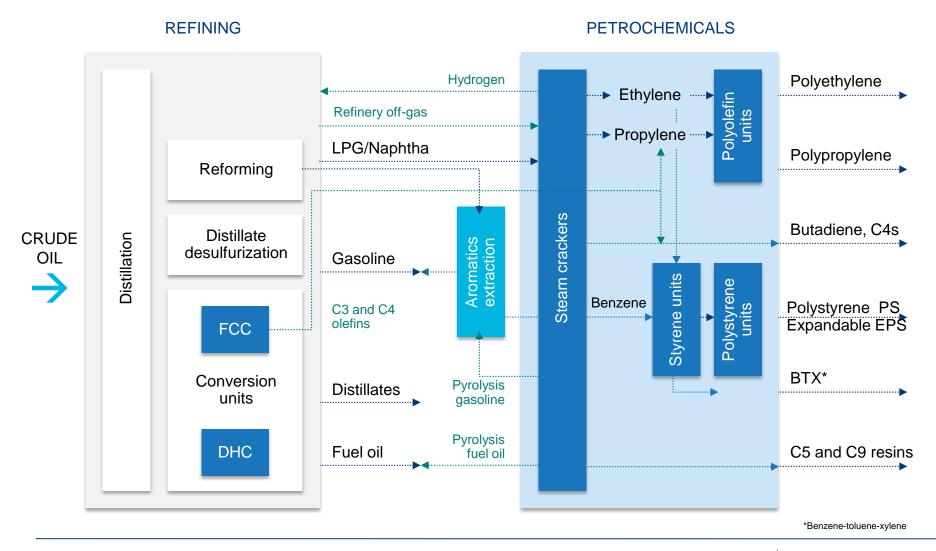
REFINING & CHEMICALS POSITION WITHIN TOTAL

- Refining and petrochemicals, key activities between upstream and marketing.
- Specialty chemicals affiliates that hold leadership positions in their segments.





INTEGRATED REFINING & PETROCHEMICALS OPERATIONS: SYNERGIES



2 EPS



GREY EPS APPLICATIONS

Source of innovation for the construction industry



3 EXCELL-R GREY EPS



EPS GRADES WITH AN EXCELLENT R

A NEW RANGE OF ENHANCED EPS DEDICATED TO INSULATION

Applications

Excell-R® can be processed into foamed insulation boards & shaped articles, with improved thermal insulation properties.



Standard grades are design for applications such as:

- Doublage
- Cavity wall filling
- Sandwich Panels

Packaging: 1100 kg Octabin



EPS FOAMS WITH AN EXCELLENT R

TECHNICAL DATA OF EXCELL-R®

Excell-R®: all the strengths of traditional EPS with improved thermal resistance

Typical bead diameter
Spread 0.9 – 1.6 mm

1.25 mm

> 90%

Typical bulk density

625 kg/m³

Expansion gas
Weight ratio

pentane

< 5.6% (time of packaging)

Moisture content

< 0.3%

Flammability class*

DIN 4012; B1*

Euroclass; E*

LNE* comportement



* For the Self Extinguishing grade



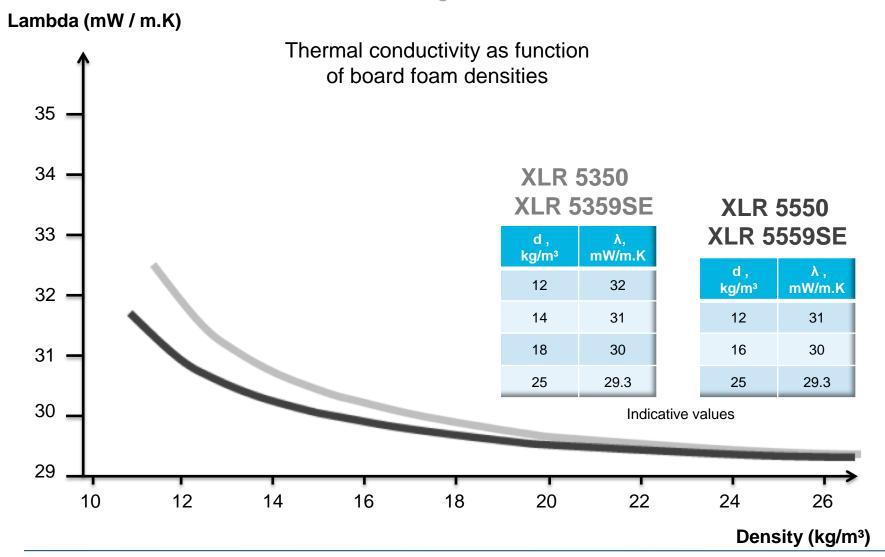
4 TECHNICAL PERFORMANCE



EPS Excell-R



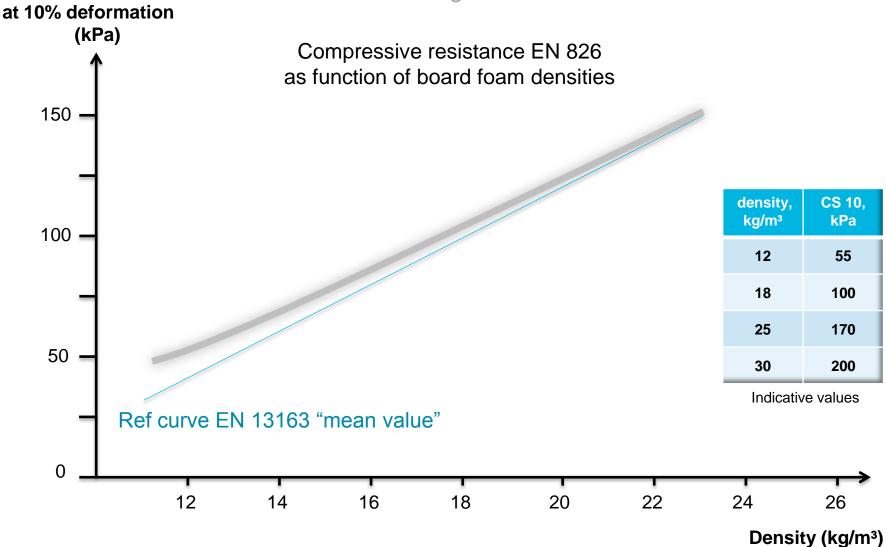
For Building Insulation



EPS Excell-R



For Building Insulation



Compressive Stress