



## SOLUTION SHOWCASE

### Expanded Portfolio for Celanex® PBT FR

Celanese delivers customer value through new offerings in our Celanex® PBT FR Portfolio. By expanding our current portfolio to offer a broad selection of grades, our customers can leverage our high quality material solutions while reducing costs. The Celanese expanded PBT FR portfolio includes four new grades, available in both natural and black, to accommodate our customers' requirements in various applications.

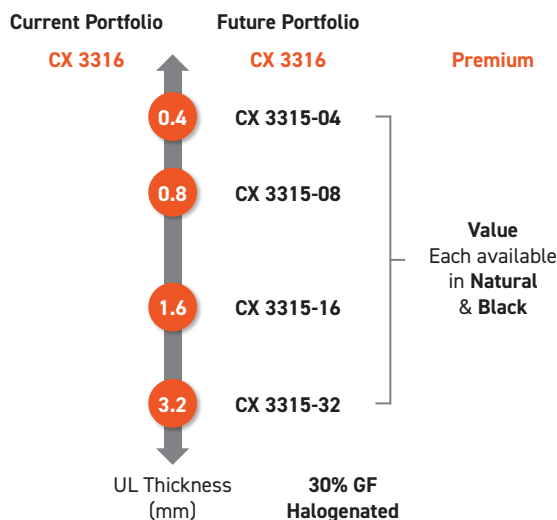
#### KEY ADVANTAGES OF CELANEX® PBT CX3315

- Downgauging of future OEM part designs: yield improvement and cost savings
- Improved mechanical performance in current design: reliability improvement/usage in harsher conditions
- Improved processing, reduction of cycle time and lower melt temperature

#### IDEAL APPLICATIONS

- Electrical Connectors
- Switches
- Coil Bobbins
- Components within circuit breakers
- Components within cooling fans
- Commutators (for motors/generators)
- Components within low voltage industrial switchgear
- Electrical Tools (plug-in)

#### PORTFOLIO EXPANSION



Property	CX3315-08	Competitor grade	Δ (%)
<b>Tensile Strength</b>	138 Mpa	120 Mpa	15
<b>Impact</b>	8.5 kJ/m2	7.0kJ/m2	21

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