

REGAL® 85



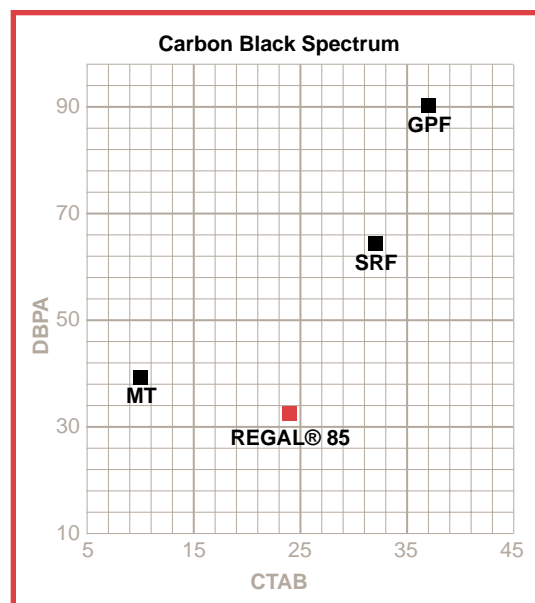
New low surface area, low structure furnace carbon black for reduced air permeability and improved flex fatigue in tire innerliners, curing bladders and butyl tubes.

Performance Features:

- High loadability as compared to GPF and SRF grades.
- Excellent flex, fatigue, and tear properties as compared to N990.
- Reduced permeability in formulations at high carbon black loadings.
- Improved thermal conductivity at higher loadings in elastomers.

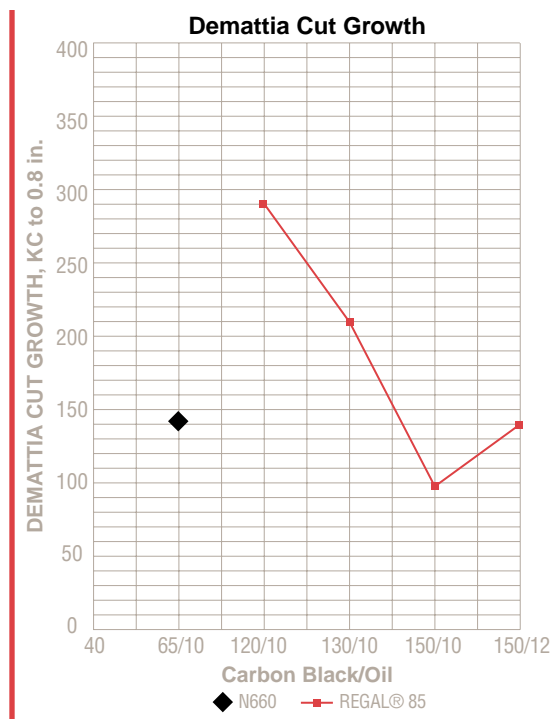
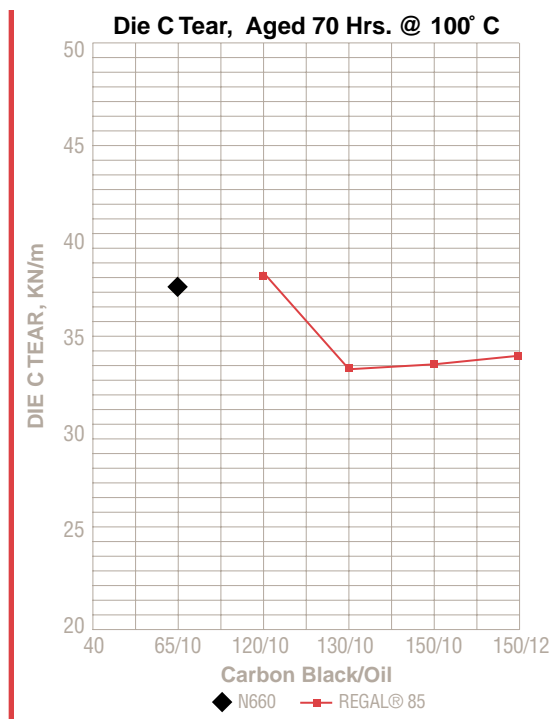
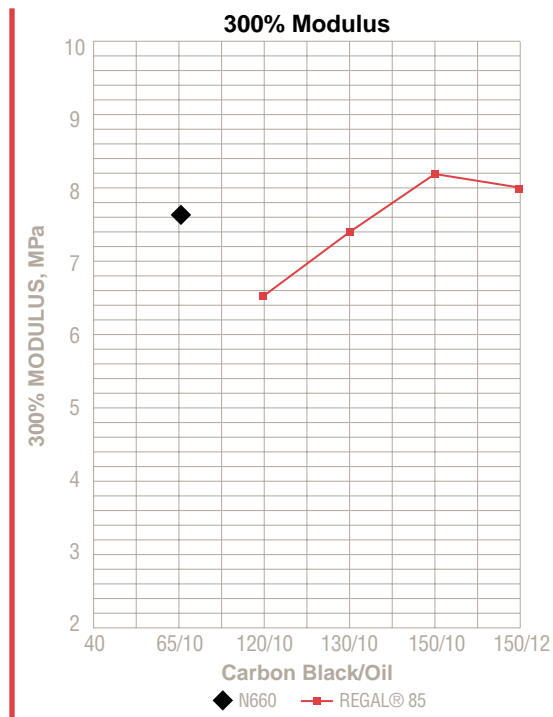
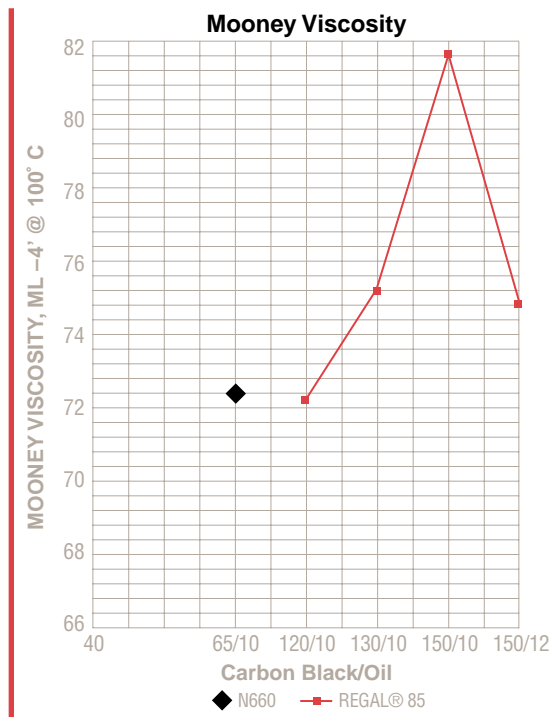
REGAL® 85 carbon black is characterized by very low surface area and structure as compared to regular oil furnace grades of carbon black. The morphological properties of this grade fall between those of thermal process carbons and SRF oil furnace grades. This product is also characterized by relatively broad aggregate size distribution.

Specifically, REGAL 85 carbon black features allow for substantially higher loadings in the butyl and halobutyl polymers used in tire innerliners. High loadings of carbon black in these polymer systems help to improve permeability characteristics and thermal conductivity. Compound costs remain competitive due to the high loadings of carbon black that may be achieved. Additionally, reduction of liner gauge may provide for additional overall cost savings.





Low Surface Area Blacks In BIIR Innerliner Compound



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