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Clyrell EC5082

Description

Clyrell EC508 is a specially designed nucleated polypropylene copolymer, with low stress whitening, low shrinkage, high gloss, and good stiffness impact balance. Typical customer applications are toys, sports and leisure goods, containers, housewares, consumer goods, and base resin for compounding for parts of automotive, electrical and electronic appliances.

Availability

Africa-Middle East, Asia-Pacific, Australia and New Zealand, Europe

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Legend

SDS - Safety Data Sheet

PSB - Product Stewardship Bulletin

[Information](#)[SDS](#)[Safety Summary](#)

Product Data and Technical Information

Typical Properties

Melt Flow Rate (230°C/2.16 kg)	25 g/10 min
Density	0.90 g/cm ³
Flexural Modulus	1080 MPa
Tensile Strength at Yield	22 MPa
Tensile Elongation at Yield	11 %
Notched Izod Impact Strength (23°C)	150 J/m
Notched Izod Impact Strength (-20°C)	40 J/m
Rockwell Hardness (R-Scale)	50
Deflection Temperature Under Load (0.46 N/mm ²)	100 °C

Process

Compounding, Injection Molding

Resin

Polypropylene, Specialty Products

Applications

Clear Containers, Housewares, Sports, Leisure & Toys

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