Hydrin® HT-ECO DP5227: A New, High-Temperature ECO Polymer

Hydrin® HT-ECO DP5227 is a newly developed polyepichlorohydrin (ECO) rubber for use in higher temperature applications with improved processability while also being resistant to oils, hydrocarbons, UV, and ozone. These qualities make Hydrin® HT-ECO DP5227 ideal for use in applications such as air ducts and fuel hoses in automotive, industrial, and other areas.

Comparisons with Conventional ECO:

- **Heat Resistance - Long Term Tensile Strength**: 1008H@135°C
- **Heat Resistance - Short Term Tensile Strength**: 168H@150°C
- **Oil Resistance, IRM903 70H@125°C**:
- **Heat Resistance - Long Term Hardness**: 1008H@135°C
- **Heat Resistance - Short Term Tensile Strength**: 168H@160°C
- **Low-Temperature (TR10)**: -40°C; 1" Mandrel Bend testing

Superior Mill Processing

Conventional ECO (Polymer only)  
Hydrin® DP5227 (Polymer only)

https://www.zeonchemicals.com/products/hydrin-eco/  
+1.502.775.2000