

Genestar™



Cooling Tubes for thermal management

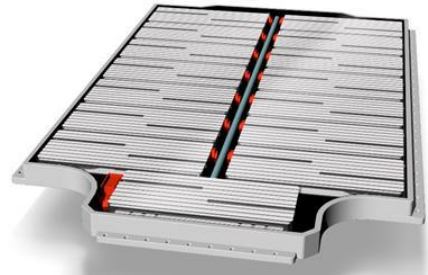


GENESTAR™ is a brand name of heat resistant polyamide developed by Kuraray. GENESTAR™ PA9T series in that brand is a well-balanced long-chain polyphthalamide (PPA) that combines low water absorption and high mechanical properties over a broad temperature range.

With the concern of pollution and the need to create a sustainable future, there is a push for automobiles to produce lower carbon dioxide. One way to reduce the amount of carbon dioxide from automobiles is the use of batteries instead of fuel. However, the efficiency of batteries is dependent on the temperature of the batteries. Batteries need to be cooled down sufficiently to ensure a longer life.

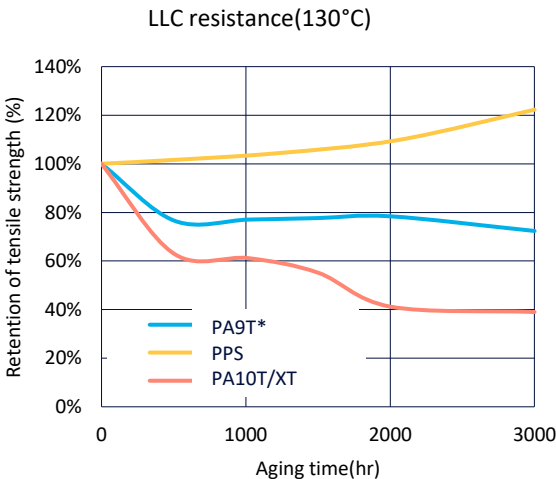
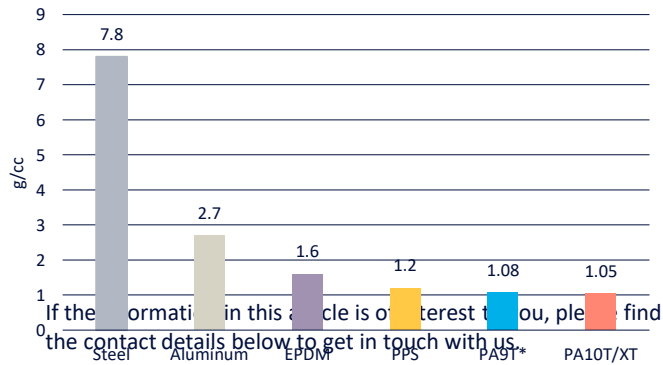
GENESTAR™ PA9T offers the automotive industry with a monolayer polyamide solution which can be used for high service temperature as well as offers good durability against the coolant. The benefits are summarized below:

- Excellent mechanical properties after exposure to long-life coolant (LLC)



- V GENESTAR™ is 10% lighter than PPS, and 50% lighter than Aluminum.
 - Leading to reduced CO2 emissions
 - Leading to enhanced range extension

Density of each material



*GENESTAR™ Development grade

Kuraray India Private Limited
World Trade Tower, Unit No.1620, 16th Floor,
WTT Tower-B, Plot No.C-1, Sector -16, Noida -201301, Uttar Pradesh, India.

Tel+91 120 6923800. Email: genestar.in@kuraray.com

Website: www.genestar.kuraray.com/en/

