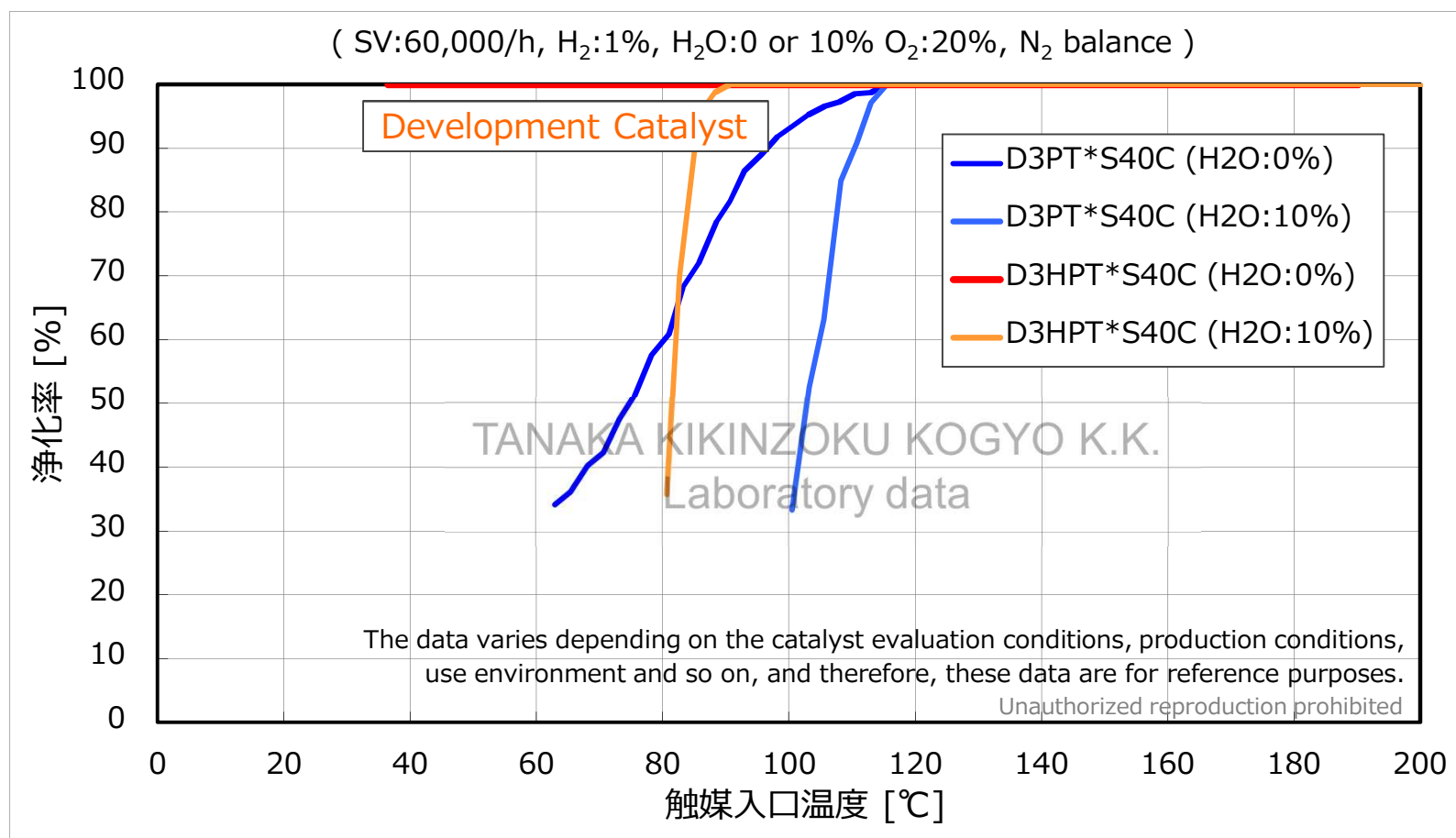


Example of Hydrogen Purification



Material name	Type	Chemical formula	Rational formula	Boiling point (Approx.)	Explosion limit Concentration lower limit (Approx.)	Temperature increase 1000ppm@25°C Air (Approx.)
Hydrogen	Hydrogen	H ₂	H ₂	-252.9°C	4.0%	9°C

Hydrogen purification efficiency varies depending on effects from moisture and other factors, and as a result, use at temperatures of 100°C and higher is the norm. We can propose catalysts developed for hydrogen combustion at low temperatures below 100°C. We can also propose catalysts developed to Purify mixed gases that contain carbon monoxide. Please contact us for details.

For information on the effects of poisoning substances and so on, refer to "Exhaust Gas Purification Catalysts" under Product Solutions.