

# Thermal PU Adhesive



## Features:

Polyurethane system with high strength, good thermal conductivity, and flame retardancy; cures at room or elevated temperatures. Non-toxic, 100% solids, offering strong adhesion and chemical resistance.

## Applications:

Ideal for NEV battery packs, high-power electronics, communication equipment, and LED lighting for bonding and thermal management.

Model	Hardness, Shore D	Density, g/cm <sup>3</sup>	Tensile Strength, MPa	Elongation	Shear Strength, MPa	Thermal Conductivity, W/m-K	Operating Temp., °C
JSPU-4500A-10AB	55±5	1.87	17	60%	16	1.0	-50 ~ 120
JSPU-4500A-15AB	70±5	1.87	16	15%	10	1.5	-50 ~ 120
JSPU-4500A-20AB	70±10	2.45	14	30%	9.5	2.0	-50 ~ 120