

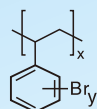


Brominated Polystyrene (BPS)

Brand:BPS U900/U901 **Similar Products:**Saytex 621/3010/7010

Chemical Formula: $(C_8H_{5.3}Br_{2.7})_n$

Chemical Structure:



CAS. No.: 88497-56-7

Applications:

- 1.Outstanding thermal stability.
- 2.Non-blooming, good electrical performance.
- 3.Used on PA6,PA66,PBT,PET

Recommended Dosage:

	BPS (%)	Sb ₂ O ₃ (%)	DBDPE (%)	Flame retardant level UL94(1.6mm)
Nylon(PA6/PA66)	16-18	5-6	/	V-0
Nylon(PA6/PA66)	6	4.5	7-8	V-0
PBT	10-11	3-4	/	V-0

Typical Properties:

Appearance	Light yellow powder or granules
Bromine content (%)	68.7
Volatile (%)	0.3 max
Soft point (°C)	210 max
Melting point (°C)	260-320
Free bromine (mg/kg)	12 max
TGA(°C)	1% 330 5% 345 10% 370

Package: 25Kg/bag, kraft bag(containing lining bag) or as per customer's requests.