



*Kkalpana Industries (India) Limited*

## PP NON WOVEN COMPOUND (AF-NW-01 )

AF-NW-01 is developed with ultrafine calcium carbonate to provide better loading and stiffness to the non-woven fabric .AF-NW-01 is added along with the polymer to provide better and controlled manufacturing process .AF-NW-01 is filtered using very minute and precise filter mesh so that all requirements of spun bonded pp can be achieved very easily.

### ADVANTAGES

- Loading up to 15%to 30% depending on the product or article size .
- Desired strength and elongation.
- Better stiffness.
- Non toxic, odorless, tasteless.
- Acts as cost reducing agent without impacting the quality of product.
- Consistent process ability at high line speed.
- Cost reduction
- Smooth and glossy surface finish.

### Technical specification

SR NO	properties	Test method	units	TYPICAL VALUE
1	Melt flow index @230 <sup>o</sup> c @2.16 kg	ASTMD-1238	gm/10 min	16
2	FILL CONTENT	TGA	-	77 ( +/- 1)
3	Specific gravity @ 25 <sup>o</sup> c	ASTMD-792	-	1.85
4	Whiteness index	CIE GANZ 82	-	>55
5	Moisture content	ASTM-C-25	%	<0.05

### RECOMMENDATION :-

It is highly recommended that this AF-NW-01 should be pre dried in hopper dryer or dehumidifier at 80<sup>o</sup>c to with draw possible moisture absorbed by hygroscopic calcium carbonate.

Packing :- standard packing of 25 kg laminated woven bags with inner liner .

(The information given in the document is believed to be reliable and is given in good faith but without warranty. The user should test the product to assertion the suitability for intended use. The product specification or the whole document is subject to change without any prior notice.)

