FREQUENTLY ASKED QUESTIONS (FAQS)

MODULE 4: POLYMER EXTRUSION BASED TECHNOLOGIES

Q4: State whether the following statements are true or false.

(i) The spunbond process requires polymers with higher molecular weight than the meltblown process.
(ii) The spunbond process requires polymers with lower melt viscosity as compared to the meltblown process.
(iii) The spunbond process is faster than the meltblown process.
(iv) The spunbond process produces finer filaments as compared to the meltblown process.
(v) The spunbond and meltblown webs generally follow thermal bonding.
(vi) The cost of a spunbond fabric is higher than that of a meltblown fabric.

A4: (i) true, (ii) false, (iii) true, (iv) false, (v) false, (vi) false

Q5: State the sequence of spunbond process.

A5: The sequence of Spunbond processes is as follows: polymer preparation → polymer feeding, melting, transportation and filtration → Extrusion → Quenching → Drawing → Laydown → Bonding → Winding.